

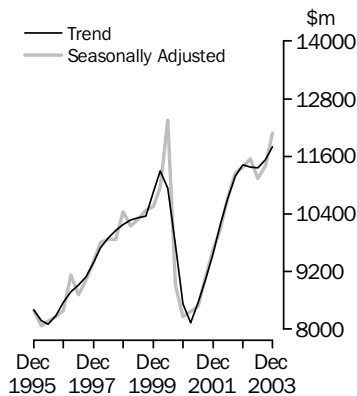
BUILDING ACTIVITY

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) MON 19 APR 2004

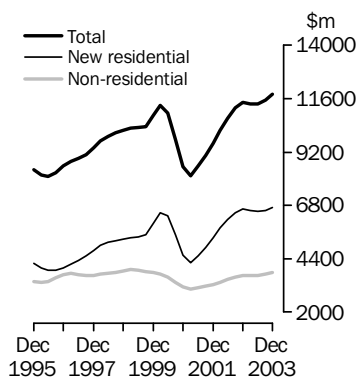
Value of work done

Volume terms



Value of work done

Volume terms
Trend estimates



KEY FIGURES

	Dec qtr 03 \$m	Sep qtr 03 to Dec qtr 03 % change	Dec qtr 02 to Dec qtr 03 % change
TREND ESTIMATES (a)			
Value of work done	11 802.9	2.4	3.4
New residential building	6 716.4	2.1	1.4
Alterations and additions to residential building	1 281.9	3.9	11.9
Non-residential building	3 800.8	2.2	4.1

SEASONALLY ADJUSTED ESTIMATES (a)

	Dec qtr 03 \$m	Sep qtr 03 to Dec qtr 03 % change	Dec qtr 02 to Dec qtr 03 % change
Value of work done	12 082.1	5.9	6.1
New residential building	6 891.2	6.1	3.7
Alterations and additions to residential building	1 297.0	3.9	13.1
Non-residential building	3 893.9	6.3	8.5

(a) Chain volume measures, reference year 2001–02.

KEY POINTS

VALUE OF WORK DONE, VOLUME TERMS

TREND ESTIMATES

- The trend estimate of the value of total building work done rose 2.4% in the December quarter 2003.
- New residential building work rose 2.1% in the latest quarter. New houses rose 1.9% and new other residential buildings was up 2.4%, rising for the eleventh consecutive quarter.
- Non-residential work done rose 2.2%.

SEASONALLY ADJUSTED ESTIMATES

- In seasonally adjusted terms, total building work done rose 5.9% in the December quarter 2003, to \$12,082.1m, a level exceeded only by the June quarter 2000.
- New residential work rose 6.1%, to \$6,891.2m. New houses were up 6.8%, to \$4,553.2m, a level exceeded only by the June quarter 2000, and new other dwellings rose 4.8%, to a record \$2,338.1m. Alterations and additions rose 3.9%, to a record \$1,297.0m.
- Work done on non-residential building rose 6.3%, to \$3,893.9m, the highest level since the June quarter 1999.

ORIGINAL ESTIMATES

- In original terms, total work done rose 6.0%, to a record \$12,532.4m. New houses were up 6.5%, to \$4,737.7m (exceeded only by the June quarter 2000). New other dwellings rose 3.7%, to a record \$2,369.5m and alterations and additions rose 7.5%, to a record \$1,360.7m. Non-residential work was up 6.2%, to \$4,064.5m, the highest for five years.

INQUIRIES

- For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Tony Bammann on Adelaide (08) 8237 7316.

NOTES

FORTHCOMING ISSUES

<i>ISSUE (Quarter)</i>	<i>RELEASE DATE</i>
March 2004	20 July 2004
June 2004	13 October 2004

ABOUT THIS ISSUE

This publication contains detailed estimates from the quarterly Building Activity Survey. The data are subject to revision when returns from the following quarter are processed and final data for the December quarter 2003 will be released in *Building Activity, Australia* (cat. no. 8752.0) on 20 July 2004.

CHANGES IN THIS ISSUE

An Appendix (pages 52 to 54) lists electronic tables and a data cube available from the ABS website and AusStats.

SIGNIFICANT REVISIONS THIS ISSUE

Seasonally adjusted and trend estimates have been revised as a result of the annual review of concurrent seasonal factors. See paragraphs 29 to 32 of the Explanatory Notes.

Compared with the estimates in original terms published in the previous issue of this publication:

- the total number of dwellings commenced during the September quarter 2003 has been revised downwards by 388 (-0.9%), and
 - the total value of building work commenced during the September quarter has been revised downwards by \$123.8m (-1.0%). The main contributors were New South Wales down by \$52.4m (-1.3%), Victoria down by \$37.1m (-1.0%) and Queensland down by \$28.2m (-1.0%).
-

ABBREVIATIONS

\$m	million dollars
ABS	Australian Bureau of Statistics
qtr	quarter
RSE	relative standard error
SE	standard error
VAT	value added tax

Dennis Trewin
Australian Statistician

VALUE OF WORK COMMENCED VOLUME TERMS

TREND AND SEASONALLY ADJUSTED ESTIMATES

	Dec qtr 03	Sep qtr 03 to Dec qtr 03	Dec qtr 02 to Dec qtr 03
	\$m	% change	% change

TREND (a)

Value of work commenced	12 032.6	3.9	-0.2
New residential building	6 983.6	3.9	-0.6
Alterations and additions to residential building	1 264.7	3.9	12.3
Non-residential building	3 772.8	3.5	-3.5

SEASONALLY ADJUSTED (a)

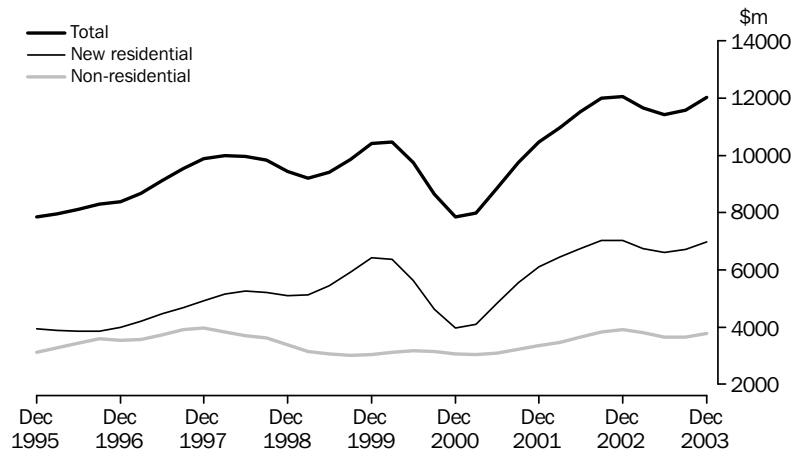
Value of work commenced	12 356.4	7.1	-1.8
New residential building	7 253.7	11.0	3.4
Alterations and additions to residential building	1 279.9	3.5	13.0
Non-residential building	3 822.8	1.4	-13.8

(a) Chain volume measures, reference year 2001–02.

TREND

- The trend estimate of the total value of building work commenced rose 3.9% in the December quarter 2003.
- New residential buildings rose 3.9% in the latest quarter. New houses rose (+5.2%) for the third consecutive quarter and new other dwellings rose (+1.3%), following three quarters of decline. Alterations and additions rose 3.9%, the third consecutive quarterly rise. Non-residential building commencements rose 3.5%.

VALUE OF WORK COMMENCED IN VOLUME TERMS, Trend



SEASONALLY ADJUSTED

- In seasonally adjusted terms, the total value of building work commenced rose 7.1% in the December quarter 2003, to \$12,356.4m, a level only exceeded by the December quarter 2002.
- Commencements of new residential buildings rose 11.0%, to a record \$7,253.7m. New houses were up 5.0%, to \$4,926.7m (exceeded only by the March quarter 2000), and new other dwellings rose by 26.4%, to \$2,326.9m. Alterations and additions rose 3.5%, to a second consecutive quarterly record of \$1,279.9m.
- Non-residential work commenced rose 1.4%, to \$3,822.8m, the second highest level for six years.

VALUE OF WORK DONE VOLUME TERMS - DECEMBER QTR 2003

SUMMARY COMMENTS

- In the December quarter 2003, the seasonally adjusted estimate of total building work done rose in most states and territories, with Queensland recording the largest increase (+17.8%), followed by Tasmania (+7.7%). Only Western Australia (-5.2%) and the Australian Capital Territory (-0.4%) recorded falls.
- In original terms, only Western Australia (-6.6%) recorded a fall in total building work done. Tasmania recorded the largest increase (+16.7%), followed by Queensland (+15.6%), the Northern Territory (+11.2%) and South Australia (+10.1%).

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
ORIGINAL (a)									
Value of work done									
New residential building (\$m)	2 147.1	1 993.5	1 710.1	356.0	643.0	85.2	52.5	119.8	7 107.3
Alterations and additions to residential building (\$m)	548.6	396.9	214.5	75.9	69.5	20.4	8.3	26.6	1 360.7
Non-residential building (\$m)	1 324.8	1 215.9	746.7	261.8	335.6	59.9	44.6	75.2	4 064.5
Total building (\$m)	4 020.5	3 606.3	2 671.2	693.7	1 048.2	165.5	105.4	221.6	12 532.4
Percentage change									
New residential building (%)	4.2	2.6	15.8	6.2	-6.2	21.3	19.6	3.1	5.6
Alterations and additions to residential building (%)	13.7	-2.0	18.5	0.8	-3.4	13.1	25.6	7.2	7.5
Non-residential building (%)	1.2	9.4	14.4	19.4	-8.0	11.8	0.7	3.7	6.2
Total building (%)	4.4	4.2	15.6	10.1	-6.6	16.7	11.2	3.8	6.0
SEASONALLY ADJUSTED (a)									
Value of work done									
New residential building (\$m)	2 007.3	1 999.4	1 652.8	339.2	619.5	78.9	na	121.1	6 891.2
Alterations and additions to residential building (\$m)	528.1	385.2	195.6	71.7	67.6	19.1	na	24.3	1 297.0
Non-residential building (\$m)	1 266.8	1 143.8	714.6	242.7	311.7	56.5	na	68.5	3 893.9
Total building (\$m)	3 802.2	3 528.4	2 563.0	653.5	998.8	154.5	99.5	213.9	12 082.1
Percentage change									
New residential building (%)	-0.4	7.5	19.9	2.4	-8.3	11.2	na	3.5	6.1
Alterations and additions to residential building (%)	10.7	-4.6	10.7	-1.2	-8.6	6.2	na	1.4	3.9
Non-residential building (%)	-2.5	6.0	15.3	7.6	2.7	3.7	na	-7.3	6.3
Total building (%)	0.3	5.6	17.8	3.8	-5.2	7.7	6.4	-0.4	5.9

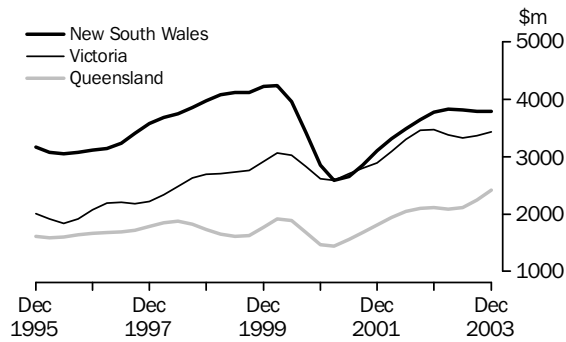
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(a) Chain volume measures, reference year 2001-02.

VALUE OF WORK DONE VOLUME TERMS

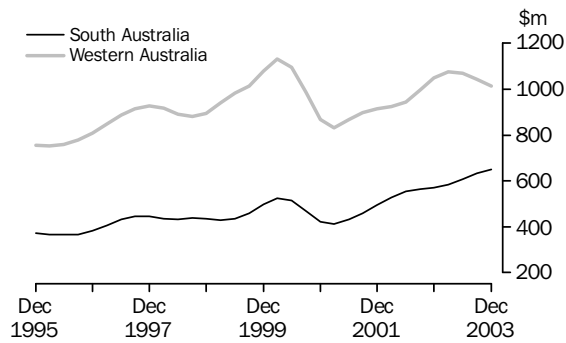
TREND ESTIMATES

New South Wales
Victoria
Queensland



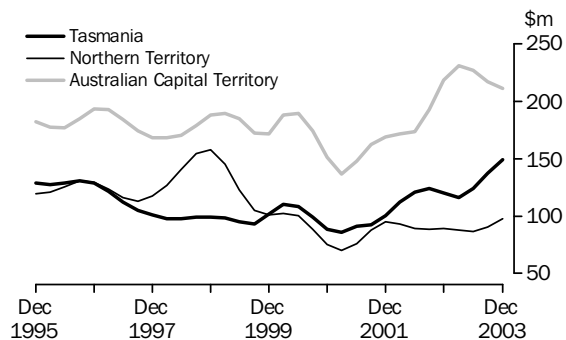
The trend estimate of the total value of building work done has remained flat in New South Wales for the last three quarters. In Queensland, the trend has turned upwards over the last three quarters and resumed the growth evident in 2001 and 2002, while in Victoria, work done has risen over the last two quarters.

South Australia
Western Australia



The trend estimate of the total value of building work done continued to rise in South Australia, but has turned downwards over the last three quarters in Western Australia.

Tasmania
Northern Territory
Australian Capital Territory



The trend estimate of the total value of building work done in Tasmania has continued its upward trend for a third quarter. In the Northern Territory, work done has shown growth for the last two quarters, following a period of slow decline, while the Australian Capital Territory has continued its downward trend for a third quarter.

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VALUE OF BUILDING WORK DONE, Chain volume measures(a)

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING		
	Private	Total	Private	Total	Private	Public	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL							
2000-01	20 984.6	21 552.4	8 933.4	12 474.8	29 927.9	4 109.3	34 041.0
2001-02	25 773.9	26 407.7	9 491.7	13 135.1	35 265.7	4 277.2	39 542.9
2002-03	30 132.1	30 738.2	11 104.8	14 600.6	41 237.0	4 101.8	45 338.8
2002							
Sep Qtr	7 656.6	7 796.0	2 828.9	3 816.1	10 485.5	1 126.6	11 612.0
Dec Qtr	7 889.4	8 050.0	2 875.0	3 801.7	10 764.4	1 087.3	11 851.7
2003							
Mar Qtr	7 221.9	7 360.9	2 601.2	3 371.3	9 823.0	909.2	10 732.2
Jun Qtr	7 364.3	7 531.3	2 799.7	3 611.5	10 164.1	978.8	11 142.9
Sep Qtr	7 827.0	7 997.5	3 007.5	3 827.7	10 834.5	990.7	11 825.3
Dec Qtr	8 312.9	8 468.0	3 192.6	4 064.5	11 505.6	1 026.8	12 532.4
SEASONALLY ADJUSTED							
2002							
Sep Qtr	7 409.4	7 544.1	2 741.1	3 709.5	10 150.5	1 103.1	11 253.6
Dec Qtr	7 633.6	7 792.4	2 691.7	3 590.0	10 325.3	1 057.1	11 382.4
2003							
Mar Qtr	7 713.9	7 867.1	2 846.1	3 688.6	10 560.0	995.7	11 555.7
Jun Qtr	7 375.3	7 534.6	2 825.9	3 612.5	10 201.1	945.9	11 147.1
Sep Qtr	7 576.5	7 741.4	2 860.4	3 662.4	10 436.9	966.1	11 403.8
Dec Qtr	8 037.0	8 188.2	3 047.4	3 893.9	11 084.4	996.8	12 082.1
TREND							
2002							
Sep Qtr	7 450.5	7 595.9	2 647.4	3 588.8	10 097.6	1 086.9	11 184.4
Dec Qtr	7 617.0	7 766.0	2 747.9	3 652.7	10 364.8	1 053.9	11 418.7
2003							
Mar Qtr	7 576.5	7 733.1	2 801.4	3 642.9	10 377.9	998.1	11 376.0
Jun Qtr	7 556.2	7 716.1	2 840.4	3 648.7	10 396.2	967.9	11 365.0
Sep Qtr	7 653.6	7 812.6	2 910.4	3 718.7	10 563.8	966.4	11 531.2
Dec Qtr	7 847.6	8 004.9	2 981.7	3 800.8	10 833.2	980.3	11 802.9

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK DONE, Chain volume measures(a)—Change from previous period

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING		
	Private	Total	Private	Total	Private	Public	Total
	%	%	%	%	%	%	%
ORIGINAL							
2000-01	-27.1	-26.7	-20.7	-17.3	-25.1	-7.5	-23.3
2001-02	22.8	22.5	6.3	5.3	17.8	4.1	16.2
2002-03	16.9	16.4	17.0	11.2	16.9	-4.1	14.7
2002							
Sep Qtr	6.2	5.9	16.5	12.2	8.8	-0.2	7.9
Dec Qtr	3.0	3.3	1.6	-0.4	2.7	-3.5	2.1
2003							
Mar Qtr	-8.5	-8.6	-9.5	-11.3	-8.7	-16.4	-9.4
Jun Qtr	2.0	2.3	7.6	7.1	3.5	7.7	3.8
Sep Qtr	6.3	6.2	7.4	6.0	6.6	1.2	6.1
Dec Qtr	6.2	5.9	6.2	6.2	6.2	3.6	6.0
SEASONALLY ADJUSTED							
2002							
Sep Qtr	3.0	2.7	12.2	9.7	5.4	1.2	4.9
Dec Qtr	3.0	3.3	-1.8	-3.2	1.7	-4.2	1.1
2003							
Mar Qtr	1.1	1.0	5.7	2.7	2.3	-5.8	1.5
Jun Qtr	-4.4	-4.2	-0.7	-2.1	-3.4	-5.0	-3.5
Sep Qtr	2.7	2.7	1.2	1.4	2.3	2.1	2.3
Dec Qtr	6.1	5.8	6.5	6.3	6.2	3.2	5.9
TREND							
2002							
Sep Qtr	5.1	4.9	4.4	3.4	4.9	0.2	4.4
Dec Qtr	2.2	2.2	3.8	1.8	2.6	-3.0	2.1
2003							
Mar Qtr	-0.5	-0.4	1.9	-0.3	0.1	-5.3	-0.4
Jun Qtr	-0.3	-0.2	1.4	0.2	0.2	-3.0	-0.1
Sep Qtr	1.3	1.3	2.5	1.9	1.6	-0.2	1.5
Dec Qtr	2.5	2.5	2.4	2.2	2.6	1.4	2.4

(a) Chain volume measures, reference year 2001-02.

VALUE OF RESIDENTIAL BUILDING WORK DONE, Chain volume measures(a)

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	12 201.2	12 365.8	5 457.0	5 717.2	17 661.5	18 087.0	3 323.7	3 466.0	20 984.6	21 552.4
2001-02	15 332.6	15 549.2	6 488.3	6 736.3	21 820.8	22 285.6	3 953.1	4 122.1	25 773.9	26 407.7
2002-03	17 438.4	17 684.2	8 281.3	8 465.4	25 719.6	26 149.6	4 412.5	4 588.6	30 132.1	30 738.2
2002										
Sep Qtr	4 553.6	4 608.5	1 978.9	2 030.2	6 532.6	6 638.8	1 124.0	1 157.2	7 656.6	7 796.0
Dec Qtr	4 656.2	4 727.8	2 080.8	2 130.9	6 737.0	6 858.7	1 152.4	1 191.3	7 889.4	8 050.0
2003										
Mar Qtr	4 147.5	4 202.0	2 040.8	2 080.7	6 188.3	6 282.8	1 033.6	1 078.2	7 221.9	7 360.9
Jun Qtr	4 081.1	4 145.9	2 180.7	2 223.6	6 261.8	6 369.4	1 102.5	1 161.9	7 364.3	7 531.3
Sep Qtr	4 385.6	4 447.4	2 216.7	2 284.6	6 602.3	6 732.0	1 224.6	1 265.6	7 827.0	7 997.5
Dec Qtr	4 679.1	4 737.7	2 304.3	2 369.5	6 983.4	7 107.3	1 329.5	1 360.7	8 312.9	8 468.0
SEASONALLY ADJUSTED										
2002										
Sep Qtr	4 382.6	4 438.0	1 936.0	1 981.1	6 318.6	6 419.1	1 090.8	1 125.0	7 409.4	7 544.1
Dec Qtr	4 477.1	4 542.0	2 057.7	2 103.8	6 534.8	6 645.7	1 098.8	1 146.7	7 633.6	7 792.4
2003										
Mar Qtr	4 451.7	4 512.5	2 147.0	2 191.8	6 598.7	6 704.3	1 115.2	1 162.8	7 713.9	7 867.1
Jun Qtr	4 127.0	4 191.8	2 140.6	2 188.7	6 267.5	6 380.5	1 107.8	1 154.1	7 375.3	7 534.6
Sep Qtr	4 199.8	4 262.4	2 171.5	2 231.3	6 371.4	6 493.8	1 205.1	1 247.7	7 576.5	7 741.4
Dec Qtr	4 500.4	4 553.2	2 277.7	2 338.1	6 778.1	6 891.2	1 258.9	1 297.0	8 037.0	8 188.2
TREND										
2002										
Sep Qtr	4 417.7	4 476.0	1 944.2	1 991.4	6 361.9	6 467.4	1 088.5	1 128.3	7 450.5	7 595.9
Dec Qtr	4 461.0	4 521.9	2 054.4	2 098.7	6 515.4	6 620.5	1 101.6	1 145.5	7 617.0	7 766.0
2003										
Mar Qtr	4 350.9	4 414.5	2 119.6	2 165.3	6 470.5	6 579.8	1 106.0	1 153.3	7 576.5	7 733.1
Jun Qtr	4 261.0	4 324.2	2 156.2	2 206.7	6 417.2	6 530.9	1 139.6	1 185.7	7 556.2	7 716.1
Sep Qtr	4 266.4	4 326.6	2 196.3	2 252.5	6 462.6	6 579.1	1 191.3	1 233.7	7 653.6	7 812.6
Dec Qtr	4 353.4	4 409.9	2 244.6	2 306.5	6 598.1	6 716.4	1 242.5	1 281.9	7 847.6	8 004.9

(a) Chain volume measures, reference year 2001-02.

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VALUE OF RESIDENTIAL BUILDING WORK DONE, Chain volume measures(a)—Change from previous period

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%	%	%	%	%
ORIGINAL										
2000-01	-30.5	-30.5	-20.3	-19.4	-27.5	-27.3	-24.4	-23.5	-27.1	-26.7
2001-02	25.7	25.7	18.9	17.8	23.5	23.2	18.9	18.9	22.8	22.5
2002-03	13.7	13.7	27.6	25.7	17.9	17.3	11.6	11.3	16.9	16.4
2002										
Sep Qtr	6.3	6.2	6.8	6.8	6.5	6.4	4.9	3.1	6.2	5.9
Dec Qtr	2.3	2.6	5.1	5.0	3.1	3.3	2.5	2.9	3.0	3.3
2003										
Mar Qtr	-10.9	-11.1	-1.9	-2.4	-8.1	-8.4	-10.3	-9.5	-8.5	-8.6
Jun Qtr	-1.6	-1.3	6.9	6.9	1.2	1.4	6.7	7.8	2.0	2.3
Sep Qtr	7.5	7.3	1.7	2.7	5.4	5.7	11.1	8.9	6.3	6.2
Dec Qtr	6.7	6.5	3.9	3.7	5.8	5.6	8.6	7.5	6.2	5.9
SEASONALLY ADJUSTED										
2002										
Sep Qtr	1.9	1.8	6.5	5.9	3.3	3.1	1.5	1.0	3.0	2.7
Dec Qtr	2.2	2.3	6.3	6.2	3.4	3.5	0.7	1.9	3.0	3.3
2003										
Mar Qtr	-0.6	-0.6	4.3	4.2	1.0	0.9	1.5	1.4	1.1	1.0
Jun Qtr	-7.3	-7.1	-0.3	-0.1	-5.0	-4.8	-0.7	-0.8	-4.4	-4.2
Sep Qtr	1.8	1.7	1.4	1.9	1.7	1.8	8.8	8.1	2.7	2.7
Dec Qtr	7.2	6.8	4.9	4.8	6.4	6.1	4.5	3.9	6.1	5.8
TREND										
2002										
Sep Qtr	4.6	4.5	7.1	6.6	5.3	5.1	3.6	3.6	5.1	4.9
Dec Qtr	1.0	1.0	5.7	5.4	2.4	2.4	1.2	1.5	2.2	2.2
2003										
Mar Qtr	-2.5	-2.4	3.2	3.2	-0.7	-0.6	0.4	0.7	-0.5	-0.4
Jun Qtr	-2.1	-2.0	1.7	1.9	-0.8	-0.7	3.0	2.8	-0.3	-0.2
Sep Qtr	0.1	0.1	1.9	2.1	0.7	0.7	4.5	4.1	1.3	1.3
Dec Qtr	2.0	1.9	2.2	2.4	2.1	2.1	4.3	3.9	2.5	2.5

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK COMMENCED, Chain volume measures(a)

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL						
2000-01	19 466.5	20 085.8	9 305.4	12 430.5	28 769.5	32 511.0
2001-02	28 599.1	29 223.8	9 913.7	13 473.2	38 512.7	42 697.0
2002-03	31 333.4	31 979.3	12 036.5	15 114.4	43 369.9	47 093.7
2002						
Sep Qtr	8 628.7	8 792.2	2 738.8	3 423.6	11 366.5	12 214.8
Dec Qtr	8 230.7	8 396.2	3 620.5	4 522.0	11 851.1	12 918.1
2003						
Mar Qtr	7 205.8	7 352.4	2 845.6	3 639.1	10 052.0	10 992.0
Jun Qtr	7 268.2	7 438.5	2 831.5	3 529.8	10 100.3	10 968.8
Sep Qtr	8 020.5	8 212.7	2 893.2	3 558.5	10 914.5	11 771.9
Dec Qtr	8 720.4	8 832.5	2 973.1	3 901.4	11 694.5	12 735.0
SEASONALLY ADJUSTED						
2002						
Sep Qtr	8 237.5	8 350.1	na	3 621.7	11 063.6	11 971.8
Dec Qtr	8 003.5	8 149.3	na	4 436.1	11 437.5	12 585.4
2003						
Mar Qtr	7 626.0	7 824.5	na	3 602.3	10 608.8	11 426.7
Jun Qtr	7 466.3	7 655.4	na	3 454.4	10 260.0	11 109.8
Sep Qtr	7 620.2	7 769.4	na	3 768.8	10 619.1	11 538.2
Dec Qtr	8 443.2	8 533.6	na	3 822.8	11 228.1	12 356.4
TREND						
2002						
Sep Qtr	8 024.6	8 164.4	2 874.9	3 833.6	10 899.5	11 998.1
Dec Qtr	7 996.6	8 148.2	3 076.3	3 910.1	11 073.0	12 058.5
2003						
Mar Qtr	7 670.5	7 851.7	3 104.1	3 813.6	10 774.6	11 665.2
Jun Qtr	7 578.2	7 757.5	2 941.7	3 644.5	10 521.9	11 403.7
Sep Qtr	7 789.9	7 937.5	2 853.9	3 646.4	10 646.0	11 586.3
Dec Qtr	8 143.5	8 250.1	2 855.8	3 772.8	10 989.6	12 032.6

na not available

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK COMMENCED, Chain volume measures(a)—Change from previous period

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%
ORIGINAL						
2000-01	-32.3	-31.5	5.1	-1.1	-22.8	-21.7
2001-02	46.9	45.5	6.5	8.4	33.9	31.3
2002-03	9.6	9.4	21.4	12.2	12.6	10.3
2002						
Sep Qtr	13.6	13.7	17.4	-1.2	14.5	9.1
Dec Qtr	-4.6	-4.5	32.2	32.1	4.3	5.8
2003						
Mar Qtr	-12.5	-12.4	-21.4	-19.5	-15.2	-14.9
Jun Qtr	0.9	1.2	-0.5	-3.0	0.5	-0.2
Sep Qtr	10.4	10.4	2.2	0.8	8.1	7.3
Dec Qtr	8.7	7.5	2.8	9.6	7.1	8.2
SEASONALLY ADJUSTED						
2002						
Sep Qtr	6.3	5.7	na	6.5	10.3	5.9
Dec Qtr	-2.8	-2.4	na	22.5	3.4	5.1
2003						
Mar Qtr	-4.7	-4.0	na	-18.8	-7.2	-9.2
Jun Qtr	-2.1	-2.2	na	-4.1	-3.3	-2.8
Sep Qtr	2.1	1.5	na	9.1	3.5	3.9
Dec Qtr	10.8	9.8	na	1.4	5.7	7.1
TREND						
2002						
Sep Qtr	4.0	3.8	7.8	5.0	5.0	4.2
Dec Qtr	-0.3	-0.2	7.0	2.0	1.6	0.5
2003						
Mar Qtr	-4.1	-3.6	0.9	-2.5	-2.7	-3.3
Jun Qtr	-1.2	-1.2	-5.2	-4.4	-2.3	-2.2
Sep Qtr	2.8	2.3	-3.0	0.1	1.2	1.6
Dec Qtr	4.5	3.9	0.1	3.5	3.2	3.9

na not available

(a) Chain volume measures, reference year 2001-02.

VALUE OF RESIDENTIAL BUILDING WORK COMMENCED, Chain volume measures(a)

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	10 957.0	11 117.0	5 311.0	5 596.3	16 267.8	16 713.0	3 201.4	3 375.8	19 466.5	20 085.8
2001-02	16 857.1	17 083.9	7 743.8	7 974.9	24 600.9	25 058.8	3 998.1	4 165.0	28 599.1	29 223.8
2002-03	17 621.1	17 877.7	9 356.3	9 577.8	26 977.4	27 455.5	4 356.0	4 523.8	31 333.4	31 979.3
2002										
Sep Qtr	4 937.4	5 006.5	2 519.7	2 587.9	7 457.8	7 594.4	1 170.7	1 196.9	8 628.7	8 792.2
Dec Qtr	4 472.3	4 550.0	2 676.4	2 715.4	7 148.8	7 265.4	1 081.9	1 130.7	8 230.7	8 396.2
2003										
Mar Qtr	4 041.3	4 091.5	2 171.1	2 217.2	6 211.9	6 308.7	994.0	1 044.2	7 205.8	7 352.4
Jun Qtr	4 170.1	4 229.7	1 989.2	2 057.3	6 159.0	6 287.0	1 109.4	1 152.0	7 268.2	7 438.5
Sep Qtr	4 914.1	4 981.7	1 850.9	1 937.3	6 763.4	6 919.0	1 256.4	1 294.3	8 020.5	8 212.7
Dec Qtr	5 002.5	5 052.3	2 466.0	2 504.3	7 466.6	7 556.6	1 252.9	1 277.0	8 720.4	8 832.5
SEASONALLY ADJUSTED										
2002										
Sep Qtr	4 699.4	4 747.2	2 429.3	2 458.2	7 128.7	7 205.3	1 108.8	1 144.8	8 237.5	8 350.1
Dec Qtr	4 432.8	4 458.3	2 489.0	2 558.8	6 921.8	7 017.1	1 081.7	1 132.3	8 003.5	8 149.3
2003										
Mar Qtr	4 253.5	4 351.1	2 309.1	2 366.4	6 562.6	6 717.5	1 063.4	1 106.9	7 626.0	7 824.5
Jun Qtr	4 235.4	4 321.1	2 128.9	2 194.4	6 364.3	6 515.5	1 102.0	1 139.8	7 466.3	7 655.4
Sep Qtr	4 647.6	4 692.9	1 783.7	1 840.4	6 431.3	6 533.2	1 188.9	1 236.2	7 620.2	7 769.4
Dec Qtr	4 931.7	4 926.7	2 259.8	2 326.9	7 191.5	7 253.7	1 251.7	1 279.9	8 443.2	8 533.6
TREND										
2002										
Sep Qtr	4 550.1	4 604.4	2 378.2	2 421.5	6 928.6	7 026.3	1 096.2	1 138.2	8 024.6	8 164.4
Dec Qtr	4 449.2	4 504.0	2 465.0	2 518.3	6 914.2	7 022.3	1 082.4	1 125.9	7 996.6	8 148.2
2003										
Mar Qtr	4 297.4	4 371.5	2 295.3	2 357.5	6 592.7	6 729.0	1 077.8	1 122.7	7 670.5	7 851.7
Jun Qtr	4 359.3	4 433.4	2 101.2	2 164.7	6 462.5	6 599.4	1 116.2	1 159.2	7 578.2	7 757.5
Sep Qtr	4 591.6	4 638.9	2 018.8	2 080.8	6 611.6	6 720.4	1 178.7	1 217.5	7 789.9	7 937.5
Dec Qtr	4 875.6	4 881.2	2 048.0	2 108.6	6 901.5	6 983.6	1 233.1	1 264.7	8 143.5	8 250.1

(a) Chain volume measures, reference year 2001-02.

VALUE OF RESIDENTIAL BUILDING WORK COMMENCED, Chain volume
measures(a)—Change from previous period

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	%	%	%	%	%	%	%	%	%	%
ORIGINAL										
2000-01	-39.2	-39.1	-20.0	-18.3	-33.8	-33.2	-23.1	-21.3	-32.3	-31.5
2001-02	53.8	53.7	45.8	42.5	51.2	49.9	24.9	23.4	46.9	45.5
2002-03	4.5	4.6	20.8	20.1	9.7	9.6	9.0	8.6	9.6	9.4
2002										
Sep Qtr	11.0	11.3	22.6	23.5	14.6	15.2	7.0	5.2	13.6	13.7
Dec Qtr	-9.4	-9.1	6.2	4.9	-4.1	-4.3	-7.6	-5.5	-4.6	-4.5
2003										
Mar Qtr	-9.6	-10.1	-18.9	-18.3	-13.1	-13.2	-8.1	-7.6	-12.5	-12.4
Jun Qtr	3.2	3.4	-8.4	-7.2	-0.9	-0.3	11.6	10.3	0.9	1.2
Sep Qtr	17.8	17.8	-7.0	-5.8	9.8	10.1	13.2	12.4	10.4	10.4
Dec Qtr	1.8	1.4	33.2	29.3	10.4	9.2	-0.3	-1.3	8.7	7.5
SEASONALLY ADJUSTED										
2002										
Sep Qtr	5.1	4.3	11.1	10.5	7.0	6.3	2.2	1.9	6.3	5.7
Dec Qtr	-5.7	-6.1	2.5	4.1	-2.9	-2.6	-2.4	-1.1	-2.8	-2.4
2003										
Mar Qtr	-4.0	-2.4	-7.2	-7.5	-5.2	-4.3	-1.7	-2.2	-4.7	-4.0
Jun Qtr	-0.4	-0.7	-7.8	-7.3	-3.0	-3.0	3.6	3.0	-2.1	-2.2
Sep Qtr	9.7	8.6	-16.2	-16.1	1.1	0.3	7.9	8.5	2.1	1.5
Dec Qtr	6.1	5.0	26.7	26.4	11.8	11.0	5.3	3.5	10.8	9.8
TREND										
2002										
Sep Qtr	1.1	0.7	11.4	11.2	4.4	4.1	1.6	2.0	4.0	3.8
Dec Qtr	-2.2	-2.2	3.7	4.0	-0.2	-0.1	-1.3	-1.1	-0.3	-0.2
2003										
Mar Qtr	-3.4	-2.9	-6.9	-6.4	-4.7	-4.2	-0.4	-0.3	-4.1	-3.6
Jun Qtr	1.4	1.4	-8.5	-8.2	-2.0	-1.9	3.6	3.3	-1.2	-1.2
Sep Qtr	5.3	4.6	-3.9	-3.9	2.3	1.8	5.6	5.0	2.8	2.3
Dec Qtr	6.2	5.2	1.4	1.3	4.4	3.9	4.6	3.9	4.5	3.9

(a) Chain volume measures, reference year 2001-02.

VALUE OF TOTAL BUILDING WORK DONE, States and territories—Chain volume measures(a)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
2000-01	11 235.2	10 486.5	5 948.2	1 684.4	3 443.7	347.2	309.5	593.2	34 041.0
2001-02	12 783.7	12 062.9	7 508.7	2 032.7	3 686.1	429.2	358.1	681.5	39 542.9
2002-03	15 074.5	13 653.3	8 370.5	2 333.2	4 206.8	475.3	354.0	871.2	45 338.8
2002									
Sep Qtr	3 689.5	3 679.8	2 189.6	588.8	1 062.4	122.9	90.2	188.9	11 612.0
Dec Qtr	4 025.8	3 479.2	2 213.1	583.4	1 094.8	127.1	105.4	222.8	11 851.7
2003									
Mar Qtr	3 569.1	3 207.1	1 959.2	551.0	1 032.8	108.2	69.9	234.8	10 732.2
Jun Qtr	3 790.1	3 287.2	2 008.6	610.0	1 016.7	117.1	88.4	224.7	11 142.9
Sep Qtr	3 851.7	3 460.2	2 310.7	630.0	1 122.4	141.9	94.8	213.5	11 825.3
Dec Qtr	4 020.5	3 606.3	2 671.2	693.7	1 048.2	165.5	105.4	221.6	12 532.4
SEASONALLY ADJUSTED									
2002									
Sep Qtr	3 631.3	3 556.9	2 074.8	589.2	1 004.2	124.0	89.4	189.7	11 253.6
Dec Qtr	3 811.4	3 404.8	2 120.9	550.2	1 050.6	118.7	101.2	212.7	11 382.4
2003									
Mar Qtr	3 863.9	3 459.6	2 157.4	583.4	1 084.0	118.4	81.0	252.6	11 555.7
Jun Qtr	3 768.0	3 232.0	2 017.4	610.4	1 068.0	114.2	82.4	216.3	11 147.1
Sep Qtr	3 791.6	3 342.4	2 175.1	629.4	1 053.3	143.4	93.5	214.8	11 403.8
Dec Qtr	3 802.2	3 528.4	2 563.0	653.5	998.8	154.5	99.5	213.9	12 082.1
TREND									
2002									
Sep Qtr	3 649.6	3 461.7	2 104.3	565.5	995.6	123.9	88.6	192.7	11 184.4
Dec Qtr	3 780.3	3 477.2	2 109.9	571.5	1 050.0	120.0	89.3	218.7	11 418.7
2003									
Mar Qtr	3 829.7	3 379.8	2 084.8	582.6	1 076.7	116.3	87.9	231.1	11 376.0
Jun Qtr	3 811.2	3 331.6	2 116.2	605.7	1 068.7	124.2	86.3	227.3	11 365.0
Sep Qtr	3 791.3	3 367.2	2 240.1	631.6	1 044.3	137.7	90.8	217.5	11 531.2
Dec Qtr	3 785.8	3 435.2	2 418.2	649.0	1 012.6	149.5	97.5	211.6	11 802.9

(a) Chain volume measures, reference year 2001-02.

VALUE OF TOTAL BUILDING WORK DONE, States and territories—Chain volume measures(a)—Change from previous period

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	%	%	%	%	%	%	%	%	%
ORIGINAL									
2000-01	-33.2	-12.8	-19.4	-18.5	-22.0	-19.7	-24.5	-18.9	-23.3
2001-02	13.8	15.0	26.2	20.7	7.0	23.6	15.7	14.9	16.2
2002-03	17.9	13.2	11.5	14.8	14.1	10.7	-1.2	27.8	14.7
2002									
Sep Qtr	5.7	9.0	6.7	7.8	17.6	-6.8	12.5	3.7	7.9
Dec Qtr	9.1	-5.5	1.1	-0.9	3.1	3.4	16.8	18.0	2.1
2003									
Mar Qtr	-11.3	-7.8	-11.5	-5.6	-5.7	-14.8	-33.7	5.4	-9.4
Jun Qtr	6.2	2.5	2.5	10.7	-1.6	8.2	26.4	-4.3	3.8
Sep Qtr	1.6	5.3	15.0	3.3	10.4	21.2	7.2	-5.0	6.1
Dec Qtr	4.4	4.2	15.6	10.1	-6.6	16.7	11.2	3.8	6.0
SEASONALLY ADJUSTED									
2002									
Sep Qtr	5.0	7.2	1.7	7.6	7.3	-3.6	21.5	8.4	4.9
Dec Qtr	5.0	-4.3	2.2	-6.6	4.6	-4.3	13.2	12.1	1.1
2003									
Mar Qtr	1.4	1.6	1.7	6.0	3.2	-0.2	-20.0	18.8	1.5
Jun Qtr	-2.5	-6.6	-6.5	4.6	-1.5	-3.6	1.7	-14.4	-3.5
Sep Qtr	0.6	3.4	7.8	3.1	-1.4	25.6	13.6	-0.7	2.3
Dec Qtr	0.3	5.6	17.8	3.8	-5.2	7.7	6.4	-0.4	5.9
TREND									
2002									
Sep Qtr	4.7	5.0	3.0	2.0	5.4	2.6	-1.0	11.1	4.4
Dec Qtr	3.6	0.4	0.3	1.1	5.5	-3.2	0.8	13.5	2.1
2003									
Mar Qtr	1.3	-2.8	-1.2	1.9	2.6	-3.0	-1.5	5.7	-0.4
Jun Qtr	-0.5	-1.4	1.5	4.0	-0.7	6.7	-1.9	-1.6	-0.1
Sep Qtr	-0.5	1.1	5.9	4.3	-2.3	10.9	5.2	-4.3	1.5
Dec Qtr	-0.1	2.0	8.0	2.7	-3.0	8.6	7.5	-2.7	2.4

(a) Chain volume measures, reference year 2001-02

Original

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
NEW RESIDENTIAL BUILDING									
2000-01	5 825.7	5 613.0	3 130.4	874.9	2 116.5	142.2	141.2	250.8	18 087.0
2001-02	6 978.0	6 697.5	4 520.3	1 062.7	2 360.2	195.7	154.1	317.0	22 285.6
2002-03	8 375.5	7 645.0	5 359.7	1 241.7	2 653.4	236.6	172.0	465.8	26 149.6
2002									
Sep Qtr	2 081.3	2 008.6	1 367.7	316.4	659.8	59.0	44.2	101.8	6 638.8
Dec Qtr	2 253.6	1 963.0	1 406.8	314.2	689.9	62.3	50.9	118.0	6 858.7
2003									
Mar Qtr	1 979.1	1 856.2	1 289.5	297.2	649.2	57.2	34.0	120.4	6 282.8
Jun Qtr	2 061.4	1 817.2	1 295.6	314.0	654.5	58.2	42.9	125.6	6 369.4
Sep Qtr	2 060.3	1 943.4	1 477.0	335.4	685.5	70.2	43.9	116.2	6 732.0
Dec Qtr	2 147.1	1 993.5	1 710.1	356.0	643.0	85.2	52.5	119.8	7 107.3
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDING									
2000-01	1 250.9	1 237.4	428.2	167.8	251.3	50.1	23.6	57.1	3 466.0
2001-02	1 499.9	1 444.2	535.3	193.3	283.7	64.3	22.7	78.8	4 122.1
2002-03	1 783.1	1 411.8	691.0	234.1	296.1	58.8	29.5	84.3	4 588.6
2002									
Sep Qtr	440.3	364.5	183.9	54.1	71.3	14.4	6.6	22.1	1 157.2
Dec Qtr	461.0	358.3	185.4	64.5	75.2	16.9	7.6	22.4	1 191.3
2003									
Mar Qtr	433.4	331.8	148.9	55.7	72.0	12.4	6.7	17.3	1 078.2
Jun Qtr	448.5	357.2	172.8	59.7	77.7	15.1	8.6	22.5	1 161.9
Sep Qtr	482.7	405.2	180.9	75.3	71.9	18.1	6.6	24.8	1 265.6
Dec Qtr	548.6	396.9	214.5	75.9	69.5	20.4	8.3	26.6	1 360.7
NON-RESIDENTIAL BUILDING									
2000-01	4 153.0	3 635.0	2 381.2	641.7	1 075.2	154.8	144.8	284.2	12 474.8
2001-02	4 305.8	3 921.1	2 453.1	776.7	1 042.1	169.2	181.4	285.7	13 135.1
2002-03	4 916.0	4 596.5	2 319.8	857.4	1 257.3	179.9	152.5	321.1	14 600.6
2002									
Sep Qtr	1 167.9	1 306.7	637.9	218.3	331.4	49.5	39.5	65.0	3 816.1
Dec Qtr	1 311.3	1 157.9	620.9	204.7	329.8	47.9	46.9	82.4	3 801.7
2003									
Mar Qtr	1 156.6	1 019.1	520.9	198.1	311.6	38.6	29.2	97.1	3 371.3
Jun Qtr	1 280.3	1 112.8	540.2	236.3	284.6	43.9	36.9	76.7	3 611.5
Sep Qtr	1 308.6	1 111.6	652.7	219.4	365.0	53.6	44.3	72.5	3 827.7
Dec Qtr	1 324.8	1 215.9	746.7	261.8	335.6	59.9	44.6	75.2	4 064.5
TOTAL BUILDING									
2000-01	11 235.2	10 486.5	5 948.2	1 684.4	3 443.7	347.2	309.5	593.2	34 041.0
2001-02	12 783.7	12 062.9	7 508.7	2 032.7	3 686.1	429.2	358.1	681.5	39 542.9
2002-03	15 074.5	13 653.3	8 370.5	2 333.2	4 206.8	475.3	354.0	871.2	45 338.8
2002									
Sep Qtr	3 689.5	3 679.8	2 189.6	588.8	1 062.4	122.9	90.2	188.9	11 612.0
Dec Qtr	4 025.8	3 479.2	2 213.1	583.4	1 094.8	127.1	105.4	222.8	11 851.7
2003									
Mar Qtr	3 569.1	3 207.1	1 959.2	551.0	1 032.8	108.2	69.9	234.8	10 732.2
Jun Qtr	3 790.1	3 287.2	2 008.6	610.0	1 016.7	117.1	88.4	224.7	11 142.9
Sep Qtr	3 851.7	3 460.2	2 310.7	630.0	1 122.4	141.9	94.8	213.5	11 825.3
Dec Qtr	4 020.5	3 606.3	2 671.2	693.7	1 048.2	165.5	105.4	221.6	12 532.4

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK COMMENCED, States and territories—Chain volume measures(a): **Original**

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
NEW RESIDENTIAL BUILDING									
2000-01	5 210.5	5 504.6	2 879.7	806.9	1 797.7	128.8	144.6	247.4	16 713.0
2001-02	7 847.7	7 572.2	5 113.6	1 230.6	2 539.8	221.3	163.4	370.3	25 058.8
2002-03	8 247.0	8 041.9	6 082.8	1 379.6	2 785.6	242.3	165.5	510.9	27 455.5
2002									
Sep Qtr	2 090.9	2 355.6	1 778.3	342.4	765.8	58.6	45.7	157.1	7 594.4
Dec Qtr	2 512.8	2 005.1	1 485.8	386.3	632.3	54.9	42.8	145.5	7 265.4
2003									
Mar Qtr	1 925.0	1 864.1	1 256.1	305.1	766.7	52.4	34.2	105.2	6 308.7
Jun Qtr	1 718.4	1 817.0	1 562.6	345.8	620.9	76.4	42.8	103.0	6 287.0
Sep Qtr	1 933.5	1 966.2	1 737.7	313.0	764.5	89.9	39.5	74.9	6 919.0
Dec Qtr	2 030.7	2 130.4	1 886.9	359.1	807.7	85.3	67.5	189.0	7 556.6
ALTERATIONS AND ADDITIONS TO RESIDENTIAL BUILDING									
2000-01	1 185.2	1 175.0	448.1	168.3	280.7	44.9	23.4	49.1	3 375.8
2001-02	1 521.5	1 486.9	534.4	196.1	264.1	55.6	22.6	83.8	4 165.0
2002-03	1 712.8	1 399.8	716.3	239.5	281.9	58.9	29.1	85.5	4 523.8
2002									
Sep Qtr	457.3	333.9	245.9	53.7	64.5	13.8	7.0	20.8	1 196.9
Dec Qtr	414.0	373.6	151.8	71.5	73.2	14.6	9.3	22.9	1 130.7
2003									
Mar Qtr	390.5	333.0	156.8	54.5	74.0	13.1	5.3	17.0	1 044.2
Jun Qtr	451.0	359.3	161.9	59.8	70.2	17.4	7.6	24.8	1 152.0
Sep Qtr	489.2	415.6	183.0	89.7	65.0	19.3	6.6	25.9	1 294.3
Dec Qtr	491.8	394.9	205.4	66.1	65.7	21.4	8.9	22.8	1 277.0
NON-RESIDENTIAL BUILDING									
2000-01	3 812.2	3 833.0	2 348.2	756.7	1 162.1	157.9	197.8	163.6	12 430.5
2001-02	4 463.9	4 192.1	2 600.2	758.4	886.6	170.8	142.5	258.7	13 473.2
2002-03	5 104.4	4 548.8	2 396.6	909.9	1 479.1	185.6	134.0	356.0	15 114.4
2002									
Sep Qtr	851.9	944.3	572.9	245.5	646.5	43.0	45.7	73.8	3 423.6
Dec Qtr	2 003.0	1 095.6	758.8	261.0	224.7	33.4	47.0	98.5	4 522.0
2003									
Mar Qtr	1 309.0	1 233.0	456.1	182.4	278.9	44.6	11.2	123.9	3 639.1
Jun Qtr	940.5	1 275.9	608.9	221.1	329.0	64.6	30.0	59.8	3 529.8
Sep Qtr	1 218.3	1 005.2	609.5	254.0	323.2	55.2	41.7	51.4	3 558.5
Dec Qtr	998.4	1 058.6	931.1	494.9	269.4	40.8	29.9	78.2	3 901.4
TOTAL BUILDING									
2000-01	10 207.6	10 517.4	5 659.9	1 731.9	3 237.9	331.7	365.4	460.2	32 511.0
2001-02	13 833.1	13 251.3	8 248.2	2 185.1	3 690.5	447.7	328.4	712.8	42 697.0
2002-03	15 064.1	13 990.5	9 195.7	2 529.0	4 546.6	486.8	328.6	952.3	47 093.7
2002									
Sep Qtr	3 400.0	3 633.8	2 597.0	641.5	1 476.8	115.5	98.4	251.7	12 214.8
Dec Qtr	4 929.7	3 474.3	2 396.3	718.8	930.2	102.9	99.0	266.9	12 918.1
2003									
Mar Qtr	3 624.4	3 430.1	1 869.1	542.0	1 119.6	110.1	50.7	246.0	10 992.0
Jun Qtr	3 109.9	3 452.3	2 333.4	626.7	1 020.1	158.4	80.4	187.6	10 968.8
Sep Qtr	3 641.0	3 387.0	2 530.2	656.6	1 152.7	164.4	87.7	152.2	11 771.9
Dec Qtr	3 520.9	3 584.0	3 023.4	920.0	1 142.8	147.5	106.3	290.0	12 735.0

(a) Chain volume measures, reference year 2001-02.

VALUE OF BUILDING WORK DONE (a)

	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING		
	<i>Private</i>	<i>Total</i>	<i>Private</i>	<i>Total</i>	<i>Private</i>	<i>Public</i>	<i>Total</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL							
2000-01	20 626.7	21 186.6	8 880.5	12 408.1	29 507.2	4 087.5	33 594.7
2001-02	25 773.9	26 407.7	9 491.7	13 135.1	35 265.7	4 277.2	39 542.9
2002-03	31 354.2	31 986.4	11 481.8	15 097.7	42 835.9	4 248.2	47 084.2
2002							
Sep Qtr	7 830.8	7 973.5	2 884.5	3 890.6	10 715.4	1 148.7	11 864.1
Dec Qtr	8 139.4	8 305.7	2 952.4	3 905.6	11 091.8	1 119.5	12 211.3
2003							
Mar Qtr	7 540.8	7 686.2	2 696.8	3 497.0	10 237.6	945.6	11 183.2
Jun Qtr	7 843.1	8 021.0	2 948.1	3 804.5	10 791.2	1 034.3	11 825.5
Sep Qtr	8 516.5	8 702.4	3 238.8	4 120.8	11 755.3	1 067.9	12 823.2
Dec Qtr	9 212.2	9 383.7	3 504.0	4 461.1	12 716.2	1 128.6	13 844.8
SEASONALLY ADJUSTED							
2002							
Sep Qtr	7 587.9	7 725.6	2 803.0	3 789.6	10 390.9	1 124.3	11 515.2
Dec Qtr	7 878.0	8 042.3	2 770.6	3 694.6	10 648.7	1 088.2	11 736.9
2003							
Mar Qtr	8 051.7	8 211.9	2 956.5	3 832.1	11 008.2	1 035.7	12 044.0
Jun Qtr	7 849.3	8 019.1	2 981.0	3 811.0	10 830.3	999.7	11 830.1
Sep Qtr	8 266.2	8 445.6	3 091.4	3 952.9	11 357.6	1 040.9	12 398.5
Dec Qtr	8 931.5	9 098.2	3 356.6	4 285.0	12 288.1	1 095.2	13 383.3
TREND							
2002							
Sep Qtr	7 622.6	7 771.2	2 703.9	3 662.9	10 326.4	1 107.7	11 434.1
Dec Qtr	7 860.7	8 014.7	2 827.9	3 758.0	10 688.6	1 084.1	11 772.7
2003							
Mar Qtr	7 919.0	8 083.1	2 912.8	3 787.4	10 831.8	1 038.8	11 870.6
Jun Qtr	8 052.7	8 223.0	3 004.2	3 857.8	11 056.4	1 023.9	12 080.4
Sep Qtr	8 335.9	8 508.4	3 140.4	4 009.6	11 476.1	1 041.6	12 517.7
Dec Qtr	8 732.7	8 906.3	3 284.1	4 185.3	12 022.8	1 074.6	13 099.0

(a) From the September qtr 2000, data is inclusive of non-deductible GST payable on residential buildings.
See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF RESIDENTIAL BUILDING WORK DONE(a)

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	11 947.9	12 109.2	5 428.8	5 688.2	17 376.7	17 797.4	3 250.0	3 389.2	20 626.7	21 186.6
2001-02	15 332.6	15 549.2	6 488.3	6 736.3	21 820.8	22 285.6	3 953.1	4 122.1	25 773.9	26 407.7
2002-03	18 123.5	18 380.5	8 652.5	8 844.2	26 776.0	27 224.6	4 578.2	4 761.8	31 354.2	31 986.4
2002										
Sep Qtr	4 652.7	4 708.9	2 030.2	2 082.8	6 682.9	6 791.7	1 147.9	1 181.8	7 830.8	7 973.5
Dec Qtr	4 799.3	4 873.7	2 153.8	2 205.5	6 953.0	7 079.2	1 186.4	1 226.5	8 139.4	8 305.7
2003										
Mar Qtr	4 331.0	4 388.2	2 133.6	2 175.3	6 464.5	6 563.5	1 076.3	1 122.7	7 540.8	7 686.2
Jun Qtr	4 340.5	4 409.6	2 334.9	2 380.6	6 675.5	6 790.2	1 167.6	1 230.8	7 843.1	8 021.0
Sep Qtr	4 765.6	4 833.1	2 431.4	2 505.7	7 197.0	7 338.7	1 319.5	1 363.7	8 516.5	8 702.4
Dec Qtr	5 183.5	5 248.7	2 574.2	2 646.3	7 757.7	7 895.0	1 454.5	1 488.7	9 212.2	9 383.7
SEASONALLY ADJUSTED										
2002										
Sep Qtr	4 487.9	4 544.5	1 987.1	2 033.2	6 475.0	6 577.7	1 112.9	1 147.9	7 587.9	7 725.6
Dec Qtr	4 617.8	4 685.1	2 131.1	2 178.8	6 748.9	6 863.9	1 129.1	1 178.4	7 878.0	8 042.3
2003										
Mar Qtr	4 647.1	4 710.7	2 246.2	2 293.3	6 893.3	7 004.0	1 158.4	1 207.8	8 051.7	8 211.9
Jun Qtr	4 385.7	4 454.7	2 293.7	2 345.3	6 679.4	6 800.0	1 170.0	1 219.1	7 849.3	8 019.1
Sep Qtr	4 584.2	4 652.5	2 381.5	2 446.5	6 965.8	7 099.0	1 300.5	1 346.6	8 266.2	8 445.6
Dec Qtr	5 008.0	5 066.6	2 544.2	2 610.5	7 552.2	7 677.0	1 379.3	1 421.2	8 931.5	9 098.2
TREND										
2002										
Sep Qtr	4 520.7	4 580.4	1 992.4	2 040.6	6 513.0	6 621.0	1 109.5	1 150.2	7 622.6	7 771.2
Dec Qtr	4 602.1	4 665.1	2 126.8	2 172.6	6 728.9	6 837.7	1 131.8	1 177.0	7 860.7	8 014.7
2003										
Mar Qtr	4 543.8	4 610.5	2 225.2	2 273.3	6 769.0	6 883.8	1 150.1	1 199.3	7 919.0	8 083.1
Jun Qtr	4 538.5	4 605.9	2 310.3	2 364.4	6 847.6	6 969.1	1 205.4	1 254.3	8 052.7	8 223.0
Sep Qtr	4 648.2	4 713.7	2 405.0	2 466.1	7 052.6	7 179.2	1 283.5	1 329.4	8 335.9	8 508.4
Dec Qtr	4 839.7	4 902.3	2 504.3	2 572.0	7 361.0	7 491.8	1 365.8	1 408.8	8 732.7	8 906.3

(a) From the September qtr 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF BUILDING WORK COMMENCED (a)

Period	RESIDENTIAL BUILDING		NON-RESIDENTIAL BUILDING		TOTAL BUILDING	
	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL						
2000-01	19 037.0	19 642.9	9 088.3	12 126.0	28 125.3	31 768.9
2001-02	28 599.0	29 223.8	9 913.7	13 473.2	38 512.7	42 697.0
2002-03	32 706.1	33 381.6	12 690.8	15 937.6	45 396.9	49 319.2
2002						
Sep Qtr	8 827.1	8 994.6	2 816.5	3 517.9	11 643.6	12 512.4
Dec Qtr	8 518.0	8 689.7	3 791.5	4 734.7	12 309.5	13 424.4
2003						
Mar Qtr	7 573.9	7 727.9	3 026.2	3 874.2	10 600.1	11 602.1
Jun Qtr	7 787.2	7 969.4	3 056.5	3 810.9	10 843.7	11 780.3
Sep Qtr	8 769.7	8 981.0	3 172.7	3 898.5	11 942.4	12 879.4
Dec Qtr	9 668.2	9 792.6	3 274.8	4 297.4	12 943.1	14 090.1
SEASONALLY ADJUSTED						
2002						
Sep Qtr	8 427.2	8 542.8	na	3 715.5	11 328.5	12 258.2
Dec Qtr	8 272.5	8 424.9	na	4 639.6	11 859.9	13 064.5
2003						
Mar Qtr	8 002.0	8 211.2	na	3 831.8	11 164.9	12 043.0
Jun Qtr	7 985.2	8 188.3	na	3 726.8	10 991.4	11 915.2
Sep Qtr	8 349.8	8 513.8	na	4 124.4	11 640.7	12 638.2
Dec Qtr	9 378.9	9 479.3	na	4 207.0	12 448.5	13 686.3
TREND						
2002						
Sep Qtr	8 208.4	8 351.8	2 958.4	3 942.5	11 166.8	12 294.3
Dec Qtr	8 265.0	8 423.4	3 210.8	4 086.5	11 475.8	12 510.0
2003						
Mar Qtr	8 049.7	8 241.8	3 289.1	4 049.6	11 338.9	12 291.4
Jun Qtr	8 116.5	8 309.0	3 171.3	3 934.5	11 287.8	12 243.5
Sep Qtr	8 514.3	8 675.2	3 121.8	3 987.0	11 636.0	12 662.3
Dec Qtr	9 087.1	9 199.3	3 144.0	4 170.9	12 231.1	13 370.3

na not available

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF RESIDENTIAL BUILDING WORK COMMENCED (a)

Period	NEW HOUSES		NEW OTHER RESIDENTIAL BUILDING		NEW RESIDENTIAL BUILDING		ALTERATIONS & ADDITIONS		RESIDENTIAL BUILDING	
	Private	Total	Private	Total	Private	Total	Private	Total	Private	Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL										
2000-01	10 728.2	10 884.9	5 193.3	5 472.7	15 921.4	16 357.6	3 115.6	3 285.3	19 037.0	19 642.9
2001-02	16 857.1	17 083.9	7 743.8	7 974.9	24 600.9	25 058.8	3 998.1	4 165.0	28 599.0	29 223.8
2002-03	18 316.4	18 584.0	9 859.7	10 092.6	28 176.1	28 676.5	4 530.0	4 705.0	32 706.1	33 381.6
2002										
Sep Qtr	5 046.2	5 116.9	2 584.5	2 654.6	7 630.7	7 771.5	1 196.4	1 223.1	8 827.1	8 994.6
Dec Qtr	4 610.6	4 691.5	2 794.5	2 835.1	7 405.1	7 526.7	1 112.8	1 163.0	8 518.0	8 689.7
2003										
Mar Qtr	4 217.8	4 270.3	2 316.9	2 365.8	6 534.8	6 636.1	1 039.1	1 091.8	7 573.9	7 727.9
Jun Qtr	4 441.7	4 505.2	2 163.8	2 237.1	6 605.5	6 742.3	1 181.7	1 227.1	7 787.2	7 969.4
Sep Qtr	5 356.9	5 430.6	2 053.1	2 149.4	7 410.0	7 580.0	1 359.7	1 401.0	8 769.7	8 981.0
Dec Qtr	5 545.0	5 600.1	2 749.5	2 792.0	8 294.5	8 392.0	1 373.7	1 400.6	9 668.2	9 792.6
SEASONALLY ADJUSTED										
2002										
Sep Qtr	4 807.1	4 856.2	2 487.3	2 517.0	7 294.4	7 373.2	1 132.8	1 169.6	8 427.2	8 542.8
Dec Qtr	4 569.0	4 595.9	2 591.5	2 664.9	7 160.5	7 260.7	1 111.9	1 164.2	8 272.5	8 424.9
2003										
Mar Qtr	4 435.3	4 536.9	2 455.9	2 517.6	6 891.2	7 054.4	1 110.8	1 156.8	8 002.0	8 211.2
Jun Qtr	4 505.6	4 596.4	2 306.9	2 378.4	6 812.6	6 974.8	1 172.6	1 213.6	7 985.2	8 188.3
Sep Qtr	5 080.8	5 131.4	1 981.8	2 044.1	7 062.6	7 175.6	1 287.2	1 338.2	8 349.8	8 513.8
Dec Qtr	5 482.2	5 477.7	2 523.7	2 597.4	8 005.9	8 075.2	1 373.0	1 404.1	9 378.9	9 479.3
TREND										
2002										
Sep Qtr	4 649.7	4 705.6	2 441.0	2 485.7	7 090.7	7 191.2	1 117.7	1 160.6	8 208.4	8 351.8
Dec Qtr	4 582.8	4 639.7	2 567.5	2 623.8	7 150.3	7 263.5	1 114.7	1 159.9	8 265.0	8 423.4
2003										
Mar Qtr	4 487.6	4 565.4	2 435.9	2 502.7	6 923.5	7 068.1	1 126.3	1 173.7	8 049.7	8 241.8
Jun Qtr	4 650.2	4 728.9	2 279.2	2 347.1	6 929.4	7 075.9	1 187.1	1 233.1	8 116.5	8 309.0
Sep Qtr	5 007.6	5 058.8	2 231.8	2 299.4	7 239.4	7 358.2	1 274.9	1 317.0	8 514.3	8 675.2
Dec Qtr	5 435.2	5 441.5	2 288.0	2 359.0	7 723.2	7 800.5	1 363.8	1 398.8	9 087.1	9 199.3

(a) Data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 11 and 12 of the Explanatory Notes.

VALUE OF TOTAL BUILDING WORK DONE(a), States and territories

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
ORIGINAL									
2000-01	11 189.9	10 189.4	5 964.7	1 629.7	3 391.7	340.2	311.1	578.0	33 594.7
2001-02	12 783.7	12 062.9	7 508.7	2 032.7	3 686.1	429.2	358.1	681.5	39 542.9
2002-03	15 594.8	14 050.0	8 881.5	2 436.5	4 335.0	504.2	366.3	915.8	47 084.2
2002									
Sep Qtr	3 760.8	3 738.3	2 265.9	607.4	1 078.2	126.8	92.2	194.4	11 864.1
Dec Qtr	4 132.9	3 548.0	2 330.5	607.8	1 118.7	133.2	108.4	231.8	12 211.3
2003									
Mar Qtr	3 701.2	3 307.3	2 092.8	578.0	1 067.5	116.0	72.8	247.8	11 183.2
Jun Qtr	4 000.0	3 456.4	2 192.4	643.3	1 070.6	128.2	92.9	241.8	11 825.5
Sep Qtr	4 150.5	3 694.1	2 601.0	671.5	1 212.7	157.1	99.7	236.5	12 823.2
Dec Qtr	4 413.2	3 873.8	3 101.6	750.3	1 157.8	185.9	111.9	250.4	13 844.8
SEASONALLY ADJUSTED									
2002									
Sep Qtr	3 706.9	3 614.7	2 153.4	608.7	1 024.0	127.8	91.6	195.4	11 515.2
Dec Qtr	3 914.5	3 473.6	2 236.3	574.0	1 076.7	124.4	103.8	222.2	11 736.9
2003									
Mar Qtr	4 005.2	3 568.6	2 305.0	612.7	1 122.0	127.0	83.9	268.4	12 044.0
Jun Qtr	3 973.5	3 399.6	2 201.7	644.8	1 125.3	125.2	85.9	234.3	11 830.1
Sep Qtr	4 096.9	3 569.8	2 462.3	671.5	1 148.1	158.4	99.3	237.1	12 398.5
Dec Qtr	4 185.8	3 792.1	2 992.1	707.5	1 113.7	173.0	106.6	241.1	13 383.3
TREND									
2002									
Sep Qtr	3 720.8	3 514.4	2 176.5	584.0	1 015.6	127.6	96.2	198.6	11 434.1
Dec Qtr	3 882.3	3 552.3	2 225.2	595.7	1 075.8	125.8	92.9	228.8	11 772.7
2003									
Mar Qtr	3 976.1	3 493.3	2 227.5	611.6	1 115.9	124.7	89.8	245.6	11 870.6
Jun Qtr	4 026.7	3 498.2	2 321.5	640.9	1 131.0	135.5	90.3	245.9	12 080.4
Sep Qtr	4 088.5	3 587.1	2 536.1	674.8	1 133.4	152.4	96.2	240.1	12 517.7
Dec Qtr	4 163.3	3 707.0	2 825.6	701.8	1 127.9	170.1	105.3	235.3	13 099.0

(a) From the September qtr 2000, data is inclusive of non-deductible GST payable on residential buildings. See paragraphs 11 and 12 of the Explanatory Notes.

NUMBER OF DWELLING UNIT COMMENCEMENTS

<i>Period</i>	PRIVATE NEW HOUSES		TOTAL NEW HOUSES		PRIVATE DWELLING UNITS		TOTAL DWELLING UNITS	
	no.	% change	no.	% change	no.	% change	no.	% change
ORIGINAL								
2000-01	73 958	-37.5	75 156	-37.4	110 672	-34.0	114 623	-33.3
2001-02	111 920	51.3	113 626	51.2	160 656	45.2	164 407	43.4
2002-03	110 385	-1.4	112 228	-1.2	166 262	3.5	169 945	3.4
2002								
Sep Qtr	31 277	7.2	31 786	7.5	46 848	9.5	47 981	10.2
Dec Qtr	27 819	-11.1	28 345	-10.8	43 737	-6.6	44 591	-7.1
2003								
Mar Qtr	25 761	-7.4	26 132	-7.8	37 800	-13.6	38 497	-13.7
Jun Qtr	25 528	-0.9	25 964	-0.6	37 877	0.2	38 876	1.0
Sep Qtr	30 092	17.9	30 570	17.7	42 573	12.4	43 807	12.7
Dec Qtr	30 977	2.9	31 318	2.4	46 020	8.1	46 696	6.6
SEASONALLY ADJUSTED								
2002								
Sep Qtr	29 771	1.1	30 208	1.1	44 804	3.2	45 665	3.3
Dec Qtr	27 403	-8.0	27 900	-7.6	42 290	-5.6	43 276	-5.2
2003								
Mar Qtr	27 274	-0.5	27 702	-0.7	40 385	-4.5	41 189	-4.8
Jun Qtr	25 902	-5.0	26 385	-4.8	38 548	-4.5	39 600	-3.9
Sep Qtr	28 513	10.1	28 923	9.6	40 604	5.3	41 526	4.9
Dec Qtr	30 478	6.9	30 798	6.5	44 495	9.6	45 315	9.1
TREND								
2002								
Sep Qtr	29 015	-1.0	29 458	-1.1	43 720	1.6	44 580	1.5
Dec Qtr	27 989	-3.5	28 451	-3.4	42 565	-2.6	43 454	-2.5
2003								
Mar Qtr	26 813	-4.2	27 282	-4.1	40 259	-5.4	41 198	-5.2
Jun Qtr	27 033	0.8	27 480	0.7	39 745	-1.3	40 689	-1.2
Sep Qtr	28 273	4.6	28 676	4.4	41 003	3.2	41 924	3.0
Dec Qtr	29 910	5.8	30 263	5.5	43 151	5.2	44 034	5.0

NUMBER OF DWELLING UNIT COMMENCEMENTS, States and territories

<i>Period</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
ORIGINAL									
2000-01	33 242	34 553	22 654	6 538	13 862	1 105	1 027	1 642	114 623
2001-02	47 035	47 384	35 592	9 943	19 136	1 916	1 028	2 373	164 407
2002-03	48 065	45 840	39 281	10 283	20 281	2 067	987	3 140	169 945
2002									
Sep Qtr	13 029	13 604	11 346	2 711	5 612	497	287	892	47 981
Dec Qtr	13 854	11 396	10 342	2 740	4 581	475	272	930	44 591
2003									
Mar Qtr	10 666	10 490	8 228	2 366	5 424	467	196	659	38 497
Jun Qtr	10 516	10 349	9 365	2 465	4 664	628	231	658	38 876
Sep Qtr	11 544	11 764	11 150	2 543	5 550	617	205	433	43 807
Dec Qtr	10 872	12 475	12 464	2 776	6 016	707	372	1 014	46 696
SEASONALLY ADJUSTED									
2002									
Sep Qtr	12 471	12 751	10 874	2 662	5 106	520	na	942	45 665
Dec Qtr	12 797	11 738	10 178	2 609	4 410	458	na	752	43 276
2003									
Mar Qtr	11 607	11 023	9 041	2 481	5 812	468	na	753	41 189
Jun Qtr	10 983	10 271	9 140	2 546	5 025	623	na	698	39 600
Sep Qtr	11 066	11 128	10 594	2 501	5 047	643	na	480	41 526
Dec Qtr	10 139	12 893	12 308	2 620	5 744	684	na	829	45 315
TREND									
2002									
Sep Qtr	12 687	12 469	10 291	2 645	4 892	500	268	778	44 580
Dec Qtr	12 439	11 811	9 941	2 601	5 038	480	269	831	43 454
2003									
Mar Qtr	11 799	10 920	9 369	2 532	5 136	507	232	735	41 198
Jun Qtr	11 226	10 769	9 558	2 516	5 229	579	220	651	40 689
Sep Qtr	10 730	11 339	10 574	2 543	5 317	647	246	647	41 924
Dec Qtr	10 359	12 263	11 888	2 583	5 384	700	294	680	44 034

na not available

NUMBER OF DWELLING UNIT COMMENCEMENTS, States and territories—Change from previous period

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Period	%	%	%	%	%	%	%	%	%
ORIGINAL									
2000-01	-34.7	-28.5	-34.5	-30.5	-39.3	-37.5	-34.0	-33.8	-33.3
2001-02	41.5	37.1	57.1	52.1	38.1	73.5	0.1	44.5	43.4
2002-03	2.2	-3.3	10.4	3.4	6.0	7.9	-3.9	32.3	3.4
2002									
Sep Qtr	5.5	6.8	16.2	3.1	20.8	-8.7	2.0	54.3	10.2
Dec Qtr	6.3	-16.2	-8.9	1.0	-18.4	-4.4	-5.3	4.2	-7.1
2003									
Mar Qtr	-23.0	-7.9	-20.4	-13.6	18.4	-1.8	-27.9	-29.1	-13.7
Jun Qtr	-1.4	-1.3	13.8	4.2	-14.0	34.5	17.9	-0.2	1.0
Sep Qtr	9.8	13.7	19.1	3.1	19.0	-1.7	-11.4	-34.2	12.7
Dec Qtr	-5.8	6.0	11.8	9.2	8.4	14.5	81.6	134.2	6.6
SEASONALLY ADJUSTED									
2002									
Sep Qtr	-3.7	1.5	14.9	-0.4	2.9	-3.7	na	51.4	3.3
Dec Qtr	2.6	-7.9	-6.4	-2.0	-13.6	-11.9	na	-20.2	-5.2
2003									
Mar Qtr	-9.3	-6.1	-11.2	-4.9	31.8	2.2	na	0.1	-4.8
Jun Qtr	-5.4	-6.8	1.1	2.6	-13.5	33.1	na	-7.3	-3.9
Sep Qtr	0.8	8.3	15.9	-1.8	0.4	3.2	na	-31.2	4.9
Dec Qtr	-8.4	15.9	16.2	4.8	13.8	6.4	na	72.7	9.1
TREND									
2002									
Sep Qtr	1.2	-0.2	3.6	0.6	0.1	-6.5	16.5	15.6	1.5
Dec Qtr	-2.0	-5.3	-3.4	-1.7	3.0	-4.0	0.4	6.8	-2.5
2003									
Mar Qtr	-5.1	-7.5	-5.8	-2.7	1.9	5.6	-13.8	-11.6	-5.2
Jun Qtr	-4.9	-1.4	2.0	-0.6	1.8	14.2	-5.2	-11.4	-1.2
Sep Qtr	-4.4	5.3	10.6	1.1	1.7	11.7	11.8	-0.6	3.0
Dec Qtr	-3.5	8.1	12.4	1.6	1.3	8.2	19.5	5.1	5.0

na not available

NUMBER OF DWELLING UNIT COMMENCEMENTS, States and territories: Original

Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
NEW HOUSES									
2000-01	17 682	24 123	14 487	5 377	10 872	1 030	577	1 007	75 156
2001-02	25 345	34 631	25 590	8 246	16 241	1 752	641	1 178	113 626
2002-03	24 218	32 607	26 157	8 263	16 814	1 866	526	1 778	112 228
2002									
Sep Qtr	6 817	9 198	7 571	2 388	4 749	474	169	419	31 786
Dec Qtr	6 350	8 503	6 638	1 993	3 755	445	129	532	28 345
2003									
Mar Qtr	5 372	7 848	5 697	1 903	4 380	452	103	376	26 132
Jun Qtr	5 679	7 058	6 250	1 979	3 930	495	124	450	25 964
Sep Qtr	5 643	9 336	7 749	2 077	4 651	562	156	397	30 570
Dec Qtr	6 078	8 887	8 163	2 141	4 780	648	144	476	31 318
NEW OTHER RESIDENTIAL BUILDING									
2000-01	14 713	9 560	7 820	1 115	2 586	60	446	634	36 935
2001-02	20 512	11 541	9 686	1 638	2 820	154	382	1 186	47 919
2002-03	22 442	12 324	12 754	1 976	3 328	190	452	1 361	54 827
2002									
Sep Qtr	5 739	4 165	3 461	315	863	19	117	473	15 152
Dec Qtr	7 197	2 724	3 664	734	769	30	140	398	15 656
2003									
Mar Qtr	5 035	2 461	2 525	460	1 010	13	89	283	11 875
Jun Qtr	4 471	2 974	3 104	467	686	128	106	207	12 143
Sep Qtr	5 623	2 296	3 338	313	891	39	47	33	12 580
Dec Qtr	4 516	3 232	4 288	632	1 219	37	226	535	14 686
CONVERSIONS, ETC.									
2000-01	846	870	347	46	404	14	4	1	2 531
2001-02	1 178	1 212	316	59	74	10	4	9	2 863
2002-03	1 405	909	371	44	139	11	10	1	2 890
2002									
Sep Qtr	474	241	314	8	—	4	2	—	1 042
Dec Qtr	308	168	40	13	57	—	3	—	589
2003									
Mar Qtr	259	182	6	3	34	2	4	—	490
Jun Qtr	365	317	11	20	48	5	1	1	769
Sep Qtr	277	132	64	153	8	17	2	3	656
Dec Qtr	277	355	13	3	18	22	2	3	692
TOTAL BUILDING									
2000-01	33 242	34 553	22 654	6 538	13 862	1 105	1 027	1 642	114 623
2001-02	47 035	47 384	35 592	9 943	19 136	1 916	1 028	2 373	164 407
2002-03	48 065	45 840	39 281	10 283	20 281	2 067	987	3 140	169 945
2002									
Sep Qtr	13 029	13 604	11 346	2 711	5 612	497	287	892	47 981
Dec Qtr	13 854	11 396	10 342	2 740	4 581	475	272	930	44 591
2003									
Mar Qtr	10 666	10 490	8 228	2 366	5 424	467	196	659	38 497
Jun Qtr	10 516	10 349	9 365	2 465	4 664	628	231	658	38 876
Sep Qtr	11 544	11 764	11 150	2 543	5 550	617	205	433	43 807
Dec Qtr	10 872	12 475	12 464	2 776	6 016	707	372	1 014	46 696

— nil or rounded to zero (including null cells)

NUMBER OF DWELLING UNIT COMPLETIONS

<i>Period</i>	PRIVATE NEW HOUSES		TOTAL NEW HOUSES		PRIVATE DWELLING UNITS		TOTAL DWELLING UNITS	
	no.	% change	no.	% change	no.	% change	no.	% change
ORIGINAL								
2000-01	91 075	-16.8	92 375	-17.3	133 018	-13.6	136 907	-13.7
2001-02	94 628	3.9	96 148	4.1	130 959	-1.5	134 637	-1.7
2002-03	107 809	13.9	109 443	13.8	151 369	15.6	154 720	14.9
2002								
Sep Qtr	25 533	-5.8	25 904	-6.1	34 827	-4.3	35 713	-4.0
Dec Qtr	30 807	20.7	31 231	20.6	43 383	24.6	44 292	24.0
2003								
Mar Qtr	25 497	-17.2	25 946	-16.9	35 443	-18.3	36 251	-18.2
Jun Qtr	25 972	1.9	26 362	1.6	37 717	6.4	38 465	6.1
Sep Qtr	26 073	0.4	26 568	0.8	36 899	-2.2	37 796	-1.7
Dec Qtr	28 440	9.1	28 978	9.1	41 105	11.4	41 982	11.1
SEASONALLY ADJUSTED								
2002								
Sep Qtr	25 640	-5.2	26 013	-5.5	35 102	-2.7	35 988	-2.6
Dec Qtr	28 231	10.1	28 618	10.0	39 676	13.0	40 490	12.5
2003								
Mar Qtr	27 933	-1.1	28 426	-0.7	38 956	-1.8	39 817	-1.7
Jun Qtr	25 977	-7.0	26 368	-7.2	37 518	-3.7	38 312	-3.8
Sep Qtr	26 204	0.9	26 698	1.3	37 382	-0.4	38 273	-0.1
Dec Qtr	26 007	-0.8	26 504	-0.7	37 448	0.2	38 249	-0.1
TREND								
2002								
Sep Qtr	27 013	4.1	27 430	4.1	36 887	5.6	37 747	5.3
Dec Qtr	27 535	1.9	27 951	1.9	38 322	3.9	39 159	3.7
2003								
Mar Qtr	27 375	-0.6	27 800	-0.5	38 684	0.9	39 519	0.9
Jun Qtr	26 768	-2.2	27 219	-2.1	38 137	-1.4	38 974	-1.4
Sep Qtr	26 098	-2.5	26 568	-2.4	37 434	-1.8	38 273	-1.8
Dec Qtr	25 738	-1.4	26 227	-1.3	37 145	-0.8	37 974	-0.8

NUMBER OF DWELLING UNIT COMPLETIONS, States and territories: Original

Period	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
NEW HOUSES									
2000-01	23 090	28 880	16 363	6 520	14 513	1 176	597	1 235	92 375
2001-02	21 554	28 676	22 144	6 485	14 078	1 370	678	1 163	96 148
2002-03	23 623	34 166	24 929	7 460	15 701	1 722	559	1 283	109 443
2002									
Sep Qtr	5 168	8 298	6 471	1 776	3 386	410	138	257	25 904
Dec Qtr	7 567	9 733	6 428	1 906	4 581	506	182	328	31 231
2003									
Mar Qtr	5 623	7 470	6 635	1 570	3 721	440	105	383	25 946
Jun Qtr	5 265	8 666	5 394	2 208	4 013	367	134	315	26 362
Sep Qtr	5 409	7 677	6 743	1 908	3 759	397	121	553	26 568
Dec Qtr	6 008	8 526	7 154	2 257	3 802	597	175	460	28 978
NEW OTHER RESIDENTIAL BUILDING									
2000-01	18 491	9 031	8 534	1 206	2 932	188	467	742	41 591
2001-02	13 608	8 186	8 913	919	2 926	54	352	709	35 666
2002-03	19 506	8 896	8 780	1 476	2 575	168	459	1 151	43 011
2002									
Sep Qtr	4 002	2 990	1 458	241	523	30	53	120	9 417
Dec Qtr	5 444	2 543	2 432	710	867	33	220	350	12 599
2003									
Mar Qtr	4 496	1 393	2 374	310	560	81	92	161	9 468
Jun Qtr	5 565	1 970	2 515	215	625	24	94	520	11 527
Sep Qtr	4 381	2 190	2 707	238	698	31	78	128	10 452
Dec Qtr	4 467	3 983	2 271	325	926	80	131	309	12 491
CONVERSIONS ETC.									
2000-01	1 063	1 251	225	119	191	15	8	69	2 941
2001-02	899	1 285	370	26	194	37	5	6	2 822
2002-03	862	768	439	55	128	5	7	3	2 267
2002									
Sep Qtr	95	200	18	12	62	1	1	2	391
Dec Qtr	216	196	25	3	17	1	3	1	462
2003									
Mar Qtr	346	243	218	9	17	2	2	—	837
Jun Qtr	204	129	178	31	32	1	1	—	576
Sep Qtr	219	505	10	4	34	—	2	1	775
Dec Qtr	130	232	95	10	26	13	2	4	513
TOTAL BUILDING									
2000-01	42 644	39 162	25 122	7 845	17 636	1 379	1 072	2 046	136 907
2001-02	36 062	38 147	31 427	7 429	17 198	1 462	1 035	1 878	134 637
2002-03	43 990	43 830	34 149	8 991	18 404	1 895	1 025	2 437	154 720
2002									
Sep Qtr	9 264	11 489	7 947	2 029	3 971	441	192	379	35 713
Dec Qtr	13 227	12 472	8 885	2 619	5 464	540	405	679	44 292
2003									
Mar Qtr	10 465	9 106	9 228	1 889	4 298	523	199	544	36 251
Jun Qtr	11 034	10 764	8 088	2 453	4 670	392	229	835	38 465
Sep Qtr	10 009	10 373	9 461	2 150	4 491	428	201	682	37 796
Dec Qtr	10 605	12 741	9 519	2 592	4 755	689	308	773	41 982

— nil or rounded to zero (including null cells)

VALUE OF BUILDING WORK, Australia: Original

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMENCED							
2000-01	10 884.9	5 472.7	16 357.6	3 285.3	19 642.9	12 126.0	31 768.9
2001-02	17 083.9	7 974.9	25 058.8	4 165.0	29 223.8	13 473.2	42 697.0
2002-03	18 584.0	10 092.6	28 676.5	4 705.0	33 381.6	15 937.6	49 319.2
2002							
Sep Qtr	5 116.9	2 654.6	7 771.5	1 223.1	8 994.6	3 517.9	12 512.4
Dec Qtr	4 691.5	2 835.1	7 526.7	1 163.0	8 689.7	4 734.7	13 424.4
2003							
Mar Qtr	4 270.3	2 365.8	6 636.1	1 091.8	7 727.9	3 874.2	11 602.1
Jun Qtr	4 505.2	2 237.1	6 742.3	1 227.1	7 969.4	3 810.9	11 780.3
Sep Qtr	5 430.6	2 149.4	7 580.0	1 401.0	8 981.0	3 898.5	12 879.4
Dec Qtr	5 600.1	2 792.0	8 392.0	1 400.6	9 792.6	4 297.4	14 090.1
COMPLETED							
2000-01	13 258.5	5 854.8	19 113.3	3 409.0	22 522.3	13 395.3	35 917.6
2001-02	14 274.2	5 728.3	20 002.5	3 897.3	23 899.8	12 433.1	36 332.9
2002-03	17 541.8	7 379.3	24 921.1	4 469.8	29 390.9	13 510.9	42 901.8
2002							
Sep Qtr	3 983.7	1 595.3	5 579.0	1 102.9	6 681.9	3 123.6	9 805.5
Dec Qtr	5 014.0	2 111.2	7 125.2	1 179.3	8 304.5	3 965.9	12 270.4
2003							
Mar Qtr	4 235.1	1 596.2	5 831.3	1 069.2	6 900.5	3 243.3	10 143.8
Jun Qtr	4 309.0	2 076.6	6 385.5	1 118.5	7 504.0	3 178.1	10 682.1
Sep Qtr	4 391.1	1 837.7	6 228.8	1 301.9	7 530.7	3 381.0	10 911.7
Dec Qtr	5 187.4	2 221.2	7 408.6	1 356.2	8 764.8	4 739.4	13 504.2
WORK DONE							
2000-01	12 109.2	5 688.2	17 797.4	3 389.2	21 186.6	12 408.1	33 594.7
2001-02	15 549.2	6 736.3	22 285.6	4 122.1	26 407.7	13 135.1	39 542.9
2002-03	18 380.5	8 844.2	27 224.6	4 761.8	31 986.4	15 097.7	47 084.2
2002							
Sep Qtr	4 708.9	2 082.8	6 791.7	1 181.8	7 973.5	3 890.6	11 864.1
Dec Qtr	4 873.7	2 205.5	7 079.2	1 226.5	8 305.7	3 905.6	12 211.3
2003							
Mar Qtr	4 388.2	2 175.3	6 563.5	1 122.7	7 686.2	3 497.0	11 183.2
Jun Qtr	4 409.6	2 380.6	6 790.2	1 230.8	8 021.0	3 804.5	11 825.5
Sep Qtr	4 833.1	2 505.7	7 338.7	1 363.7	8 702.4	4 120.8	12 823.2
Dec Qtr	5 248.7	2 646.3	7 895.0	1 488.7	9 383.7	4 461.1	13 844.8

VALUE OF BUILDING WORK, New South Wales: **Original**

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	2 853.4	2 269.8	5 123.1	1 159.7	6 282.8	3 747.9	10 030.7
2001-02	4 312.1	3 535.6	7 847.7	1 521.5	9 369.2	4 463.9	13 833.1
2002-03	4 569.2	4 032.3	8 601.4	1 760.6	10 362.1	5 448.5	15 810.6
2002							
Sep Qtr	1 230.3	905.8	2 136.1	464.6	2 600.6	878.9	3 479.6
Dec Qtr	1 200.0	1 404.7	2 604.7	422.9	3 027.6	2 111.7	5 139.3
2003							
Mar Qtr	1 003.9	1 026.0	2 029.9	404.0	2 433.9	1 416.0	3 849.9
Jun Qtr	1 135.0	695.8	1 830.7	469.1	2 299.9	1 041.9	3 341.8
Sep Qtr	1 113.6	983.0	2 096.6	514.4	2 611.0	1 372.5	3 983.5
Dec Qtr	1 302.1	914.1	2 216.2	521.7	2 737.9	1 137.5	3 875.4
.....							
COMPLETED							
2000-01	3 709.0	2 950.8	6 659.8	1 342.0	8 001.9	5 381.7	13 383.6
2001-02	3 659.6	2 317.4	5 977.0	1 378.8	7 355.8	3 871.2	11 227.0
2002-03	4 374.2	3 616.6	7 990.8	1 683.1	9 673.9	4 626.8	14 300.6
2002							
Sep Qtr	927.6	695.8	1 623.4	393.5	2 016.9	1 134.8	3 151.7
Dec Qtr	1 391.4	943.0	2 334.4	454.2	2 788.6	1 704.2	4 492.8
2003							
Mar Qtr	1 072.5	850.2	1 922.7	436.2	2 358.9	905.9	3 264.8
Jun Qtr	982.6	1 127.6	2 110.3	399.2	2 509.5	881.9	3 391.4
Sep Qtr	1 042.5	859.6	1 902.0	441.6	2 343.7	1 054.3	3 397.9
Dec Qtr	1 268.4	817.4	2 085.8	506.6	2 592.4	1 450.3	4 042.7
.....							
WORK DONE							
2000-01	3 313.4	2 470.4	5 783.8	1 228.4	7 012.2	4 177.7	11 189.9
2001-02	3 977.5	3 000.5	6 978.0	1 499.9	8 477.9	4 305.8	12 783.7
2002-03	4 602.3	4 078.4	8 680.6	1 833.1	10 513.8	5 081.1	15 594.8
2002							
Sep Qtr	1 167.7	957.6	2 125.2	447.8	2 573.0	1 187.7	3 760.8
Dec Qtr	1 288.7	1 028.7	2 317.4	471.3	2 788.7	1 344.2	4 132.9
2003							
Mar Qtr	1 062.7	993.1	2 055.8	447.3	2 503.0	1 198.1	3 701.2
Jun Qtr	1 083.2	1 099.0	2 182.2	466.7	2 649.0	1 351.0	4 000.0
Sep Qtr	1 125.4	1 097.9	2 223.3	506.6	2 729.8	1 420.7	4 150.5
Dec Qtr	1 210.1	1 140.9	2 351.0	581.6	2 932.7	1 480.5	4 413.2

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	3 623.7	1 718.3	5 342.0	1 132.9	6 474.9	3 755.6	10 230.5
2001-02	5 457.3	2 114.9	7 572.2	1 486.9	9 059.1	4 192.1	13 251.2
2002-03	5 678.4	2 637.7	8 316.1	1 450.2	9 766.3	4 735.6	14 501.8
2002							
Sep Qtr	1 590.4	802.9	2 393.3	338.2	2 731.5	962.8	3 694.3
Dec Qtr	1 474.0	579.8	2 053.7	380.9	2 434.6	1 131.7	3 566.3
2003							
Mar Qtr	1 345.7	593.7	1 939.4	347.1	2 286.5	1 290.5	3 577.0
Jun Qtr	1 268.4	661.3	1 929.7	384.0	2 313.6	1 350.5	3 664.2
Sep Qtr	1 717.4	396.8	2 114.2	446.2	2 560.4	1 069.7	3 630.1
Dec Qtr	1 618.1	678.2	2 296.3	423.1	2 719.4	1 134.5	3 853.9
.....							
COMPLETED							
2000-01	4 232.0	1 282.2	5 514.2	1 126.9	6 641.1	3 475.0	10 116.1
2001-02	4 423.6	1 500.4	5 924.0	1 382.6	7 306.6	3 512.0	10 818.6
2002-03	5 688.0	1 608.3	7 296.4	1 421.5	8 717.9	3 924.4	12 642.3
2002							
Sep Qtr	1 339.4	599.9	1 939.2	392.5	2 331.8	927.7	3 259.5
Dec Qtr	1 556.2	448.4	2 004.6	358.7	2 363.3	886.6	3 249.9
2003							
Mar Qtr	1 318.5	220.5	1 539.0	323.9	1 862.9	1 090.6	2 953.5
Jun Qtr	1 474.0	339.6	1 813.6	346.3	2 159.9	1 019.5	3 179.4
Sep Qtr	1 267.7	367.7	1 635.5	466.1	2 101.6	1 079.3	3 180.9
Dec Qtr	1 567.6	790.7	2 358.3	398.5	2 756.8	1 615.7	4 372.5
.....							
WORK DONE							
2000-01	3 926.2	1 520.5	5 446.7	1 199.0	6 645.7	3 543.7	10 189.4
2001-02	4 899.8	1 797.7	6 697.5	1 444.2	8 141.8	3 921.1	12 062.9
2002-03	5 773.0	2 117.8	7 890.8	1 459.5	9 350.3	4 699.8	14 050.0
2002							
Sep Qtr	1 536.4	506.5	2 042.9	370.8	2 413.7	1 324.6	3 738.3
Dec Qtr	1 502.8	502.2	2 005.0	366.2	2 371.1	1 176.9	3 548.0
2003							
Mar Qtr	1 395.5	525.3	1 920.8	344.0	2 264.8	1 042.5	3 307.3
Jun Qtr	1 338.3	583.8	1 922.1	378.5	2 300.6	1 155.8	3 456.4
Sep Qtr	1 456.5	629.3	2 085.8	435.4	2 521.2	1 172.9	3 694.1
Dec Qtr	1 544.1	603.3	2 147.4	427.6	2 575.0	1 298.7	3 873.8

VALUE OF BUILDING WORK, Queensland: Original

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMENCED							
2000-01	1 988.9	853.2	2 842.1	443.0	3 285.2	2 251.0	5 536.2
2001-02	3 652.3	1 461.3	5 113.6	534.4	5 648.0	2 600.2	8 248.2
2002-03	4 151.0	2 319.8	6 470.8	765.2	7 235.9	2 560.1	9 796.1
2002							
Sep Qtr	1 164.7	677.0	1 841.6	256.2	2 097.8	595.9	2 693.7
Dec Qtr	1 027.3	538.4	1 565.7	160.4	1 726.0	803.9	2 529.9
2003							
Mar Qtr	888.3	457.1	1 345.4	168.1	1 513.6	492.2	2 005.8
Jun Qtr	1 070.7	647.4	1 718.0	180.4	1 898.5	668.2	2 566.7
Sep Qtr	1 409.1	566.6	1 975.8	213.1	2 188.9	677.0	2 865.9
Dec Qtr	1 414.3	793.4	2 207.7	247.9	2 455.6	1 045.7	3 501.2
COMPLETED							
2000-01	2 276.6	923.8	3 200.4	401.8	3 602.2	2 299.3	5 901.6
2001-02	3 091.0	1 175.8	4 266.8	530.5	4 797.3	2 703.7	7 501.1
2002-03	3 774.7	1 302.3	5 077.0	682.4	5 759.4	2 580.4	8 339.8
2002							
Sep Qtr	938.3	179.6	1 117.9	149.3	1 267.3	553.8	1 821.1
Dec Qtr	1 012.4	348.0	1 360.4	176.5	1 536.8	762.7	2 299.5
2003							
Mar Qtr	975.4	386.7	1 362.1	171.8	1 533.9	625.4	2 159.3
Jun Qtr	848.5	388.1	1 236.5	184.9	1 421.4	638.5	2 059.9
Sep Qtr	1 096.7	438.1	1 534.8	187.8	1 722.5	687.5	2 410.0
Dec Qtr	1 233.6	344.8	1 578.4	242.1	1 820.5	646.1	2 466.6
WORK DONE							
2000-01	2 119.0	1 000.8	3 119.8	425.9	3 545.6	2 419.0	5 964.7
2001-02	3 359.9	1 160.4	4 520.3	535.3	5 055.6	2 453.1	7 508.7
2002-03	3 980.4	1 711.5	5 691.8	734.2	6 426.0	2 455.5	8 881.5
2002							
Sep Qtr	1 022.1	394.0	1 416.1	190.3	1 606.4	659.5	2 265.9
Dec Qtr	1 053.9	428.4	1 482.3	195.3	1 677.6	652.9	2 330.5
2003							
Mar Qtr	953.5	423.6	1 377.2	159.1	1 536.2	556.5	2 092.8
Jun Qtr	950.8	465.4	1 416.2	189.5	1 605.8	586.6	2 192.4
Sep Qtr	1 157.3	515.2	1 672.6	206.8	1 879.4	721.7	2 601.0
Dec Qtr	1 370.0	634.6	2 004.7	255.0	2 259.7	841.9	3 101.6

VALUE OF BUILDING WORK, South Australia: Original

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	619.3	158.0	777.3	161.1	938.4	729.5	1 667.9
2001-02	998.5	232.0	1 230.6	196.1	1 426.7	758.4	2 185.1
2002-03	1 115.8	325.6	1 441.4	251.9	1 693.3	933.3	2 626.6
2002							
Sep Qtr	311.7	41.8	353.5	55.6	409.1	248.7	657.8
Dec Qtr	264.6	136.5	401.1	75.0	476.1	266.7	742.7
2003							
Mar Qtr	257.4	63.6	320.9	57.6	378.6	188.0	566.6
Jun Qtr	282.1	83.7	365.9	63.7	429.5	229.9	659.4
Sep Qtr	286.9	49.2	336.1	97.2	433.3	266.2	699.5
Dec Qtr	312.6	78.9	391.6	73.5	465.0	520.4	985.4
.....							
COMPLETED							
2000-01	763.6	185.5	949.0	154.4	1 103.4	591.5	1 694.9
2001-02	766.9	137.4	904.3	180.5	1 084.8	718.7	1 803.6
2002-03	969.6	212.6	1 182.3	227.6	1 409.8	735.3	2 145.2
2002							
Sep Qtr	219.3	32.8	252.2	45.5	297.7	164.9	462.6
Dec Qtr	247.2	115.4	362.6	62.1	424.7	161.6	586.3
2003							
Mar Qtr	204.6	31.4	236.1	55.3	291.4	194.8	486.2
Jun Qtr	298.4	32.9	331.4	64.7	396.1	213.9	610.0
Sep Qtr	259.8	35.0	294.8	60.2	354.9	163.9	518.9
Dec Qtr	323.4	44.4	367.9	75.1	442.9	252.6	695.5
.....							
WORK DONE							
2000-01	686.0	158.0	844.0	161.8	1 005.8	623.9	1 629.7
2001-02	870.0	192.7	1 062.7	193.2	1 256.0	776.7	2 032.7
2002-03	1 080.9	222.7	1 303.6	246.5	1 550.1	886.4	2 436.5
2002							
Sep Qtr	267.8	59.3	327.1	56.0	383.1	224.3	607.4
Dec Qtr	264.4	64.3	328.6	67.7	396.3	211.5	607.8
2003							
Mar Qtr	269.4	44.5	313.9	59.1	373.0	205.0	578.0
Jun Qtr	279.3	54.6	334.0	63.8	397.7	245.6	643.3
Sep Qtr	286.1	73.5	359.6	81.5	441.1	230.4	671.5
Dec Qtr	309.0	79.6	388.5	83.9	472.4	277.9	750.3

VALUE OF BUILDING WORK, Western Australia: Original

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMENCED							
2000-01	1 432.9	332.4	1 765.3	275.2	2 040.5	1 133.7	3 174.2
2001-02	2 164.6	375.2	2 539.8	264.1	2 803.9	886.6	3 690.5
2002-03	2 416.0	457.0	2 873.1	291.2	3 164.2	1 555.8	4 720.0
2002							
Sep Qtr	658.2	118.2	776.4	65.3	841.7	665.0	1 506.8
Dec Qtr	548.7	98.1	646.9	74.8	721.6	235.4	957.0
2003							
Mar Qtr	632.8	162.4	795.2	76.5	871.8	298.0	1 169.8
Jun Qtr	576.3	78.3	654.6	74.5	729.1	357.3	1 086.4
Sep Qtr	706.6	121.7	828.3	71.1	899.4	355.7	1 255.0
Dec Qtr	725.2	170.2	895.4	73.4	968.8	299.7	1 268.5
COMPLETED							
2000-01	1 863.8	339.2	2 203.1	251.1	2 454.2	1 121.3	3 575.5
2001-02	1 876.4	458.0	2 334.4	265.8	2 600.2	1 005.4	3 605.6
2002-03	2 190.0	368.5	2 558.5	278.9	2 837.4	1 019.7	3 857.1
2002							
Sep Qtr	444.1	60.7	504.9	82.7	587.6	205.6	793.2
Dec Qtr	649.3	161.7	811.0	74.0	885.0	287.8	1 172.8
2003							
Mar Qtr	526.2	65.3	591.5	47.3	638.8	284.5	923.3
Jun Qtr	570.5	80.8	651.2	74.9	726.1	241.7	967.8
Sep Qtr	548.8	97.2	646.1	101.5	747.6	244.3	991.9
Dec Qtr	578.7	139.1	717.8	73.1	790.9	539.5	1 330.4
WORK DONE							
2000-01	1 681.9	398.5	2 080.4	247.3	2 327.7	1 064.0	3 391.7
2001-02	1 964.9	395.4	2 360.2	283.7	2 644.0	1 042.1	3 686.1
2002-03	2 321.3	410.4	2 731.7	304.5	3 036.2	1 298.8	4 335.0
2002							
Sep Qtr	572.0	96.5	668.5	72.1	740.6	337.6	1 078.2
Dec Qtr	605.7	98.5	704.3	76.7	780.9	337.8	1 118.7
2003							
Mar Qtr	554.0	116.3	670.3	74.2	744.5	323.0	1 067.5
Jun Qtr	589.6	99.1	688.7	81.5	770.2	300.4	1 070.6
Sep Qtr	618.9	122.0	740.9	77.6	818.5	394.2	1 212.7
Dec Qtr	602.5	109.0	711.5	76.9	788.4	369.4	1 157.8

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	119.1	6.5	125.6	43.5	169.1	154.5	323.6
2001-02	206.8	14.4	221.3	55.6	276.9	170.8	447.7
2002-03	239.6	23.1	262.7	64.5	327.1	193.0	520.1
2002							
Sep Qtr	59.3	2.2	61.4	14.5	76.0	44.1	120.1
Dec Qtr	55.4	3.0	58.3	15.5	73.9	34.5	108.4
2003							
Mar Qtr	56.0	1.3	57.3	14.5	71.9	46.5	118.4
Jun Qtr	68.9	16.7	85.6	19.8	105.4	67.9	173.3
Sep Qtr	84.4	18.0	102.4	22.1	124.5	58.4	182.9
Dec Qtr	94.7	4.3	98.9	24.8	123.8	43.6	167.4
.....							
COMPLETED							
2000-01	138.1	20.2	158.3	43.0	201.3	144.6	345.9
2001-02	163.3	9.7	173.0	64.7	237.7	132.0	369.7
2002-03	219.2	17.8	237.0	60.6	297.5	214.4	511.9
2002							
Sep Qtr	52.2	3.2	55.4	13.4	68.8	42.6	111.4
Dec Qtr	63.4	6.4	69.8	20.0	89.8	67.6	157.4
2003							
Mar Qtr	56.2	5.6	61.8	12.7	74.4	59.3	133.7
Jun Qtr	47.4	2.6	50.0	14.5	64.5	44.9	109.4
Sep Qtr	57.0	2.9	60.0	15.4	75.3	52.2	127.6
Dec Qtr	80.9	6.2	87.1	21.7	108.8	60.9	169.7
.....							
WORK DONE							
2000-01	127.4	11.5	138.9	49.0	187.9	152.3	340.2
2001-02	183.0	12.7	195.7	64.3	260.0	169.2	429.2
2002-03	242.5	12.8	255.3	63.5	318.8	185.4	504.2
2002							
Sep Qtr	57.8	3.7	61.5	15.1	76.6	50.2	126.8
Dec Qtr	63.0	3.0	66.0	17.9	84.0	49.2	133.2
2003							
Mar Qtr	59.8	2.5	62.3	13.5	75.8	40.2	116.0
Jun Qtr	61.8	3.6	65.4	17.0	82.4	45.8	128.2
Sep Qtr	70.4	9.5	79.8	20.7	100.6	56.5	157.1
Dec Qtr	89.3	9.0	98.4	23.8	122.2	63.7	185.9

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
.....							
COMMENCED							
2000-01	90.0	54.1	144.1	23.1	167.2	195.4	362.6
2001-02	102.2	61.1	163.4	22.6	185.9	142.5	328.4
2002-03	100.5	71.8	172.2	30.7	202.9	136.9	339.8
2002							
Sep Qtr	29.3	17.7	47.0	7.3	54.3	46.5	100.8
Dec Qtr	23.9	20.4	44.2	9.6	53.8	48.0	101.8
2003							
Mar Qtr	21.2	14.5	35.8	5.7	41.4	11.5	52.9
Jun Qtr	26.0	19.2	45.3	8.1	53.4	30.9	84.3
Sep Qtr	32.7	9.5	42.2	7.1	49.3	43.1	92.4
Dec Qtr	30.4	41.5	71.9	9.9	81.8	31.2	112.9
.....							
COMPLETED							
2000-01	89.8	62.8	152.5	26.2	178.8	130.6	309.4
2001-02	106.7	39.8	146.5	21.2	167.7	169.7	337.4
2002-03	100.7	78.1	178.8	32.0	210.8	131.2	342.0
2002							
Sep Qtr	21.1	6.4	27.5	7.2	34.7	44.1	78.8
Dec Qtr	33.4	41.6	75.0	6.3	81.3	25.2	106.5
2003							
Mar Qtr	18.5	13.4	31.9	4.7	36.5	18.4	55.0
Jun Qtr	27.7	16.8	44.4	13.9	58.3	43.5	101.7
Sep Qtr	23.9	14.6	38.5	6.1	44.6	26.3	70.9
Dec Qtr	36.8	25.0	61.7	7.6	69.3	91.5	160.7
.....							
WORK DONE							
2000-01	85.4	56.2	141.7	23.6	165.3	145.9	311.1
2001-02	104.3	49.7	154.1	22.7	176.7	181.4	358.1
2002-03	102.4	76.8	179.2	31.2	210.4	155.9	366.3
2002							
Sep Qtr	26.8	18.7	45.5	6.8	52.3	39.9	92.2
Dec Qtr	26.3	26.3	52.6	8.0	60.6	47.8	108.4
2003							
Mar Qtr	20.9	14.7	35.6	7.2	42.8	30.0	72.8
Jun Qtr	28.3	17.2	45.5	9.3	54.7	38.1	92.9
Sep Qtr	27.9	18.7	46.6	7.2	53.8	45.9	99.7
Dec Qtr	32.4	24.0	56.4	9.1	65.5	46.4	111.9

<i>Period</i>	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
<i>Period</i>	\$m	\$m	\$m	\$m	\$m	\$m	\$m
COMMENCED							
2000-01	157.5	80.4	238.0	46.8	284.8	158.5	443.2
2001-02	190.0	180.3	370.3	83.8	454.1	258.7	712.8
2002-03	313.5	225.3	538.9	90.9	629.8	374.4	1 004.2
2002							
Sep Qtr	73.0	89.1	162.1	21.5	183.6	75.8	259.4
Dec Qtr	97.7	54.3	152.1	23.9	176.0	102.9	278.9
2003							
Mar Qtr	64.9	47.2	112.2	18.1	130.2	131.4	261.7
Jun Qtr	77.9	34.7	112.6	27.4	140.0	64.2	204.2
Sep Qtr	79.8	4.7	84.5	29.7	114.2	55.8	170.0
Dec Qtr	102.6	111.5	214.0	26.4	240.4	84.9	325.3
COMPLETED							
2000-01	185.5	90.4	275.9	63.6	339.5	251.2	590.7
2001-02	186.7	89.9	276.5	73.2	349.7	320.3	670.0
2002-03	225.3	175.1	400.4	83.7	484.1	278.7	762.8
2002							
Sep Qtr	41.7	16.9	58.6	18.6	77.2	50.0	127.1
Dec Qtr	60.7	46.8	107.4	27.6	135.0	70.1	205.1
2003							
Mar Qtr	63.1	23.2	86.3	17.4	103.7	64.4	168.0
Jun Qtr	59.8	88.2	148.0	20.2	168.2	94.3	262.5
Sep Qtr	94.7	22.6	117.3	23.2	140.5	73.1	213.6
Dec Qtr	98.1	53.5	151.5	31.6	183.1	82.9	266.0
WORK DONE							
2000-01	169.8	72.3	242.1	54.3	296.4	281.5	578.0
2001-02	189.8	127.2	317.0	78.8	395.8	285.7	681.5
2002-03	277.7	213.9	491.7	89.2	580.8	334.9	915.8
2002							
Sep Qtr	58.3	46.6	104.9	22.8	127.8	66.6	194.4
Dec Qtr	68.8	54.2	123.0	23.4	146.4	85.4	231.8
2003							
Mar Qtr	72.4	55.2	127.6	18.4	146.0	101.8	247.8
Jun Qtr	78.2	57.9	136.1	24.6	160.7	81.1	241.8
Sep Qtr	90.5	39.6	130.1	28.0	158.1	78.4	236.5
Dec Qtr	91.2	45.9	137.1	30.7	167.8	82.6	250.4

	<i>New houses</i>	<i>New other residential building</i>	<i>New residential building</i>	<i>Alterations & additions</i>	<i>Residential building</i>	<i>Non-residential building</i>	<i>Total building</i>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
WORK UNDER CONSTRUCTION							
Sep Qtr 2003							
NSW	2 928.1	5 087.7	8 015.8	1 334.0	9 349.7	6 782.4	16 132.1
Vic.	3 719.9	4 113.6	7 833.5	908.7	8 742.2	5 737.6	14 479.9
Qld	1 878.8	2 287.5	4 166.3	293.4	4 459.6	2 206.4	6 666.1
SA	728.6	362.3	1 090.9	175.9	1 266.8	1 018.9	2 285.7
WA	1 505.0	491.1	1 996.1	144.7	2 140.8	1 341.0	3 481.8
Tas.	202.7	35.8	238.5	44.2	282.7	125.3	408.0
NT	50.2	38.8	89.0	11.9	100.9	154.5	255.5
ACT	157.6	197.5	355.0	50.4	405.4	315.6	721.0
Aust.	11 170.8	12 614.3	23 785.1	2 963.2	26 748.3	17 681.8	44 430.1
Dec Qtr 2003							
NSW	2 995.6	5 383.5	8 379.1	1 404.8	9 783.9	6 635.0	16 419.0
Vic.	3 777.8	4 056.7	7 834.5	948.3	8 782.8	5 276.3	14 059.1
Qld	2 069.3	2 775.7	4 845.0	303.8	5 148.8	2 618.8	7 767.6
SA	722.6	404.7	1 127.2	180.2	1 307.5	1 339.2	2 646.7
WA	1 656.0	523.7	2 179.8	148.2	2 328.0	1 126.8	3 454.7
Tas.	219.4	34.3	253.7	48.9	302.6	111.9	414.4
NT	44.1	55.7	99.8	14.4	114.2	100.9	215.0
ACT	163.0	254.3	417.2	46.4	463.6	319.4	783.0
Aust.	11 647.7	13 488.6	25 136.4	3 095.0	28 231.4	17 528.2	45 759.6
WORK YET TO BE DONE							
Sep Qtr 2003							
NSW	1 399.6	2 471.2	3 870.8	609.6	4 480.4	3 114.0	7 594.4
Vic.	1 837.2	2 103.1	3 940.3	426.6	4 366.9	2 792.7	7 159.6
Qld	971.3	1 367.9	2 339.3	119.5	2 458.8	1 038.2	3 497.0
SA	343.2	203.0	546.3	83.0	629.2	470.4	1 099.6
WA	794.7	244.3	1 039.0	62.9	1 101.9	493.8	1 595.7
Tas.	100.8	25.3	126.1	19.7	145.8	64.5	210.3
NT	21.5	15.4	36.9	5.4	42.4	37.4	79.8
ACT	69.2	77.1	146.3	21.2	167.5	143.5	311.0
Aust.	5 537.6	6 507.4	12 045.0	1 347.9	13 392.9	8 154.6	21 547.5
Dec Qtr 2003							
NSW	1 526.6	2 443.6	3 970.2	606.0	4 576.2	2 943.5	7 519.6
Vic.	1 919.4	2 234.3	4 153.6	437.8	4 591.5	2 654.3	7 245.8
Qld	1 025.7	1 567.3	2 593.0	117.5	2 710.5	1 263.2	3 973.7
SA	351.9	210.3	562.2	78.6	640.8	765.4	1 406.3
WA	922.4	305.6	1 228.0	62.8	1 290.8	448.5	1 739.2
Tas.	109.3	21.0	130.3	22.5	152.7	48.2	200.9
NT	20.0	33.3	53.3	6.3	59.6	28.7	88.3
ACT	81.4	141.4	222.8	18.1	240.9	147.5	388.5
Aust.	5 956.6	6 956.7	12 913.3	1 349.6	14 263.0	8 299.3	22 562.3

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Type of building	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
SEPTEMBER QTR 2003									
Commercial									
Retail/wholesale trade	313.6	149.5	160.0	44.2	83.5	10.3	5.3	6.9	773.2
Transport	58.6	36.6	34.2	*0.3	^ 1.0	—	0.2	1.3	132.1
Offices	314.1	298.4	115.0	21.9	85.8	^ 6.3	15.2	24.5	881.3
Other commercial n.e.c.	*1.9	14.1	*13.5	*2.2	*2.9	—	3.1	—	^ 37.7
<i>Total commercial</i>	688.3	498.7	322.6	68.6	173.2	16.6	23.7	32.6	1 824.3
Industrial									
Factories	98.5	^ 72.6	^ 28.8	27.1	28.2	4.2	—	0.7	260.1
Warehouses	92.1	128.8	67.4	14.4	^ 18.6	2.4	6.3	2.9	332.8
Agricultural/aquacultural	^ 3.7	*3.8	^ 11.6	^ 0.8	^ 9.2	^ 0.2	1.9	—	31.1
Other industrial n.e.c.	26.2	2.4	*4.8	^ 0.7	^ 5.4	0.3	0.2	—	40.0
<i>Total industrial</i>	220.5	207.7	112.6	43.1	61.3	7.0	8.4	3.5	664.0
Other non-residential									
Educational	132.6	^ 200.8	100.5	29.9	50.1	10.6	2.6	18.9	546.1
Religious	*8.6	^ 4.4	3.5	0.9	*0.7	0.8	—	0.2	^ 19.1
Aged care facilities	58.4	58.7	26.6	19.8	19.6	4.6	0.2	—	187.9
Health	73.6	72.4	^ 23.9	19.3	21.2	2.9	0.1	1.6	215.0
Entertainment and recreation	95.6	54.4	58.9	13.9	31.5	5.4	1.2	20.4	281.3
Accommodation	85.0	^ 37.6	39.6	15.5	18.1	7.0	2.4	0.2	205.4
Other non-residential n.e.c.	58.0	^ 38.2	33.6	19.4	18.6	^ 1.6	7.2	1.0	177.7
<i>Total other non-residential</i>	511.9	466.5	286.5	118.7	159.8	32.9	13.8	42.2	1 632.4
Total non-residential	1 420.7	1 172.9	721.7	230.4	394.2	56.5	45.9	78.4	4 120.8

DECEMBER QTR 2003

Commercial									
Retail/wholesale trade	380.3	249.6	169.2	69.3	85.6	9.8	8.4	3.9	976.2
Transport	28.0	12.0	19.5	^ 8.2	^ 0.6	—	2.2	1.6	72.1
Offices	236.9	349.8	127.7	26.0	71.9	4.9	11.4	26.4	854.9
Other commercial n.e.c.	*5.2	^ 10.8	*10.1	2.8	1.2	—	—	—	^ 30.2
<i>Total commercial</i>	650.5	622.2	326.5	106.4	159.3	14.7	21.9	31.9	1 933.4
Industrial									
Factories	^ 111.3	^ 50.6	42.6	20.6	31.8	9.7	—	1.1	267.7
Warehouses	123.6	97.6	80.7	31.5	^ 20.6	2.9	7.1	3.9	367.9
Agricultural/aquacultural	*3.5	*6.9	**2.6	*2.2	9.9	0.3	2.7	—	^ 28.0
Other industrial n.e.c.	^ 27.2	^ 9.1	^ 11.6	*1.6	^ 2.7	0.1	0.6	—	52.9
<i>Total industrial</i>	265.6	164.2	137.4	55.9	65.1	13.0	10.5	5.0	716.6
Other non-residential									
Educational	154.8	181.3	131.5	32.4	57.5	13.0	2.9	28.9	602.4
Religious	^ 12.5	^ 9.1	^ 5.1	3.2	^ 0.5	0.2	—	—	30.7
Aged care facilities	77.7	61.0	35.9	21.5	18.6	7.3	0.3	1.0	223.3
Health	69.5	94.1	26.6	18.9	18.6	2.5	1.9	1.0	233.3
Entertainment and recreation	99.6	^ 105.2	55.1	8.0	23.0	^ 1.8	0.8	13.8	307.3
Accommodation	88.9	32.9	67.2	16.0	18.1	10.0	2.7	—	235.9
Other non-residential n.e.c.	^ 61.4	28.6	56.5	15.5	^ 8.7	1.2	5.3	1.0	178.2
<i>Total other non-residential</i>	564.4	512.3	378.0	115.6	145.0	36.0	14.0	45.7	1 811.1
Total non-residential	1 480.5	1 298.7	841.9	277.9	369.4	63.7	46.4	82.6	4 461.1

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
Type of building	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
SEPTEMBER QTR 2003									
Commercial									
Retail/wholesale trade	452.5	97.2	165.0	85.4	59.3	13.5	8.0	4.4	885.2
Transport	45.0	22.8	**5.9	^2.5	—	—	0.1	1.7	78.1
Offices	175.6	422.7	97.5	22.1	87.5	^3.1	6.8	9.6	824.8
Other commercial n.e.c.	0.3	**2.3	*18.0	*3.1	—	—	3.1	—	*26.7
<i>Total commercial</i>	673.3	545.0	286.5	113.1	146.8	16.6	17.9	15.7	1 814.9
Industrial									
Factories	98.1	^54.4	^19.7	26.7	^10.6	4.7	—	3.1	217.3
Warehouses	119.4	126.9	51.1	27.6	*12.8	2.9	6.4	3.6	350.7
Agricultural/aquacultural	^5.9	*7.3	*6.6	**0.7	^9.5	*0.1	4.3	—	^34.4
Other industrial n.e.c.	^43.6	0.4	**3.3	1.8	^6.9	—	0.3	—	56.5
<i>Total industrial</i>	267.0	189.1	80.7	56.8	^39.8	7.7	11.0	6.7	658.8
Other non-residential									
Educational	144.8	144.0	146.4	34.3	52.9	19.6	4.7	13.8	560.6
Religious	*8.0	*14.5	*3.3	6.2	**0.8	0.5	—	—	^33.3
Aged care facilities	73.4	47.2	27.6	39.4	32.0	0.6	0.3	—	220.5
Health	^19.0	^34.1	^22.7	6.4	4.4	^1.3	0.1	0.7	88.6
Entertainment and recreation	^53.6	^48.4	^38.9	**0.8	^11.6	3.7	0.7	18.3	176.2
Accommodation	67.4	^19.2	57.7	^7.1	51.4	7.6	0.2	—	210.5
Other non-residential n.e.c.	65.9	^28.3	^13.2	2.1	^16.0	*0.7	8.2	0.6	135.0
<i>Total other non-residential</i>	432.1	335.7	309.9	96.3	169.1	34.1	14.2	33.5	1 424.8
Total non-residential	1 372.5	1 069.7	677.0	266.2	355.7	58.4	43.1	55.8	3 898.5

DECEMBER QTR 2003

Commercial									
Retail/wholesale trade	^132.1	205.2	237.9	103.2	75.1	^4.7	5.6	^1.8	765.7
Transport	0.3	2.6	3.3	219.3	**0.1	—	4.3	—	229.9
Offices	187.8	257.3	258.0	20.5	82.0	^1.5	5.8	57.5	870.4
Other commercial n.e.c.	*7.6	*5.3	*9.6	^2.2	—	—	—	—	^24.7
<i>Total commercial</i>	327.7	470.3	508.8	345.3	157.3	^6.2	15.7	59.3	1 890.6
Industrial									
Factories	^80.5	^37.1	48.3	31.6	^20.0	8.2	—	0.4	226.0
Warehouses	155.7	^80.4	^35.3	36.0	^23.8	3.7	10.0	0.9	345.8
Agricultural/aquacultural	**1.7	*7.9	**0.5	*1.9	*1.5	1.5	0.1	—	^15.1
Other industrial n.e.c.	30.1	^11.1	^11.5	**2.1	*1.2	0.1	0.6	—	56.7
<i>Total industrial</i>	268.0	136.5	95.6	71.6	46.6	13.4	10.7	1.3	643.7
Other non-residential									
Educational	195.3	236.9	96.7	71.9	29.3	10.4	1.3	17.6	659.4
Religious	**5.9	**7.5	*20.3	1.3	—	0.4	—	—	*35.5
Aged care facilities	93.9	41.4	29.4	9.4	25.4	10.1	0.2	1.0	210.9
Health	*28.2	*18.9	39.1	^1.4	6.7	—	0.5	—	^94.8
Entertainment and recreation	78.6	*80.9	183.2	9.6	^7.3	*0.9	0.8	5.8	367.1
Accommodation	88.4	86.9	46.6	^6.2	23.6	^1.7	0.2	—	253.6
Other non-residential n.e.c.	^51.5	^55.2	^25.9	^3.6	^3.4	0.6	1.7	—	^141.9
<i>Total other non-residential</i>	541.8	527.7	441.3	103.5	95.8	24.0	4.8	24.3	1 763.1
Total non-residential	1 137.5	1 134.5	1 045.7	520.4	299.7	43.6	31.2	84.9	4 297.4

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution

* estimate has a relative standard error of 25% to 50% and should be used with caution

** estimate has a relative standard error greater than 50% and is considered too unreliable for general use

— nil or rounded to zero (including null cells)

	New houses	New other residential building	New residential building	Alterations & additions	Residential building	Non-residential building	Total building
	%	%	%	%	%	%	%
.....							
VALUE OF BUILDING WORK COMMENCED							
NSW	4.5	2.0	2.7	3.9	2.3	2.3	1.8
Vic.	4.2	1.0	2.9	3.7	2.5	2.6	2.0
Qld	3.9	0.5	2.5	4.5	2.3	1.2	1.6
SA	3.8	3.2	3.1	5.9	2.8	0.6	1.3
WA	3.6	0.5	2.9	5.5	2.7	2.1	2.1
Tas.	3.0	—	2.8	5.1	2.5	1.8	1.9
ACT	4.1	—	2.0	4.2	1.8	0.3	1.3
Aust.	1.9	0.7	1.3	2.0	1.2	1.0	0.9

.....							
VALUE OF BUILDING WORK COMPLETED							
NSW	5.9	1.9	3.6	5.3	3.1	1.8	2.1
Vic.	6.2	1.3	4.1	5.0	3.6	1.9	2.4
Qld	6.4	1.7	5.1	5.5	4.4	2.7	3.4
SA	4.7	5.8	4.2	7.0	3.7	1.7	2.4
WA	4.8	1.0	3.9	7.0	3.6	1.5	2.2
Tas.	4.6	—	4.2	6.0	3.6	3.1	2.6
ACT	6.8	—	4.4	8.5	3.9	1.1	2.7
Aust.	2.9	0.9	2.0	2.7	1.8	0.9	1.2

.....							
VALUE OF BUILDING WORK DONE							
NSW	3.1	0.9	1.7	3.1	1.5	1.6	1.1
Vic.	3.4	1.1	2.4	3.2	2.1	1.8	1.5
Qld	3.7	0.6	2.5	4.1	2.3	1.5	1.7
SA	2.6	1.5	2.1	4.0	1.9	1.6	1.3
WA	2.4	0.7	2.0	4.5	1.9	1.7	1.4
Tas.	2.4	—	2.2	4.1	1.9	1.4	1.4
ACT	4.3	—	2.9	4.5	2.5	0.8	1.7
Aust.	1.6	0.5	1.1	1.7	0.9	0.8	0.7

.....							
NUMBER OF DWELLING UNIT COMMENCEMENTS							
NSW	3.7	2.2	2.3	16.4	2.3	9.9	2.3
Vic.	3.9	1.7	2.9	2.0	2.8	21.0	2.8
Qld	3.5	1.1	2.3	—	2.3	—	2.3
SA	3.3	2.9	2.7	—	2.7	—	2.7
WA	3.5	0.8	2.8	—	2.8	91.0	2.8
Tas.	2.7	—	2.6	—	2.5	36.7	2.5
ACT	3.2	—	1.5	—	1.5	—	1.5
Aust.	1.7	0.8	1.2	7.1	1.2	13.6	1.2

.....							
NUMBER OF DWELLING UNIT COMPLETIONS							
NSW	5.1	2.4	3.1	8.7	3.1	50.3	3.1
Vic.	5.4	1.7	3.7	2.8	3.7	—	3.7
Qld	5.9	2.4	4.5	1.5	4.5	—	4.5
SA	4.0	6.4	3.6	—	3.5	—	3.5
WA	4.7	1.5	3.8	12.7	3.7	—	3.7
Tas.	4.1	—	3.6	—	3.6	48.2	3.6
ACT	6.6	—	3.9	—	3.9	—	3.9
Aust.	2.5	1.1	1.8	2.7	1.8	10.9	1.8

— nil or rounded to zero (including null cells)

	NSW	Vic.	Qld	SA	WA	Tas.	ACT	Aust.
Type of building	%	%	%	%	%	%	%	%
.....								
VALUE OF BUILDING WORK COMMENCED								
Commercial								
Retail/wholesale trade	10.5	9.2	4.0	2.2	8.7	13.6	21.4	3.4
Transport	—	—	—	—	66.7	—	—	—
Offices	6.4	7.0	2.6	6.4	4.3	18.0	0.4	2.6
Other commercial n.e.c.	38.5	48.9	39.0	10.2	—	—	—	21.9
<i>Total commercial</i>	4.9	4.4	2.2	0.7	4.1	11.2	0.6	1.5
Industrial								
Factories	22.5	23.9	9.2	4.8	13.4	1.5	—	9.2
Warehouses	9.9	10.7	12.3	4.2	11.7	5.9	—	5.3
Agricultural/aquacultural	68.4	31.3	92.4	27.2	33.5	—	—	18.9
Other industrial n.e.c.	7.9	14.3	11.3	52.8	44.3	—	—	6.0
<i>Total industrial</i>	8.8	8.9	6.5	3.2	7.5	1.7	—	4.3
Other non-residential								
Educational	2.7	3.9	7.8	1.1	7.1	4.7	—	2.0
Religious	62.6	78.4	28.8	—	—	—	—	25.6
Aged care facilities	4.7	8.0	1.5	3.9	0.9	2.7	—	2.6
Health	28.2	32.9	5.4	24.0	9.8	—	—	10.9
Entertainment and recreation	7.5	31.8	2.1	—	14.5	38.1	3.9	7.3
Accommodation	5.7	3.3	6.4	19.6	7.4	13.8	—	2.7
Other non-residential n.e.c.	17.0	18.5	19.5	11.9	24.4	—	—	10.1
<i>Total other non-residential</i>	2.8	5.0	2.6	1.5	3.1	2.7	0.9	1.9
Total non-residential	2.3	2.6	1.2	0.6	2.1	1.8	0.3	1.0

.....

VALUE OF BUILDING WORK DONE

Commercial								
Retail/wholesale trade	3.5	6.5	5.6	4.1	7.1	7.1	9.3	2.5
Transport	3.2	—	3.6	15.7	18.8	—	—	2.4
Offices	4.5	5.0	6.6	2.8	5.8	5.2	0.9	2.6
Other commercial n.e.c.	26.7	18.4	32.5	8.8	3.5	—	—	13.5
<i>Total commercial</i>	2.4	3.1	3.7	3.0	4.0	5.0	1.1	1.5
Industrial								
Factories	14.8	13.1	7.6	3.9	6.6	1.8	—	6.8
Warehouses	8.2	7.4	5.1	9.2	10.0	4.7	0.4	3.7
Agricultural/aquacultural	32.4	32.5	75.4	27.5	9.6	—	—	12.0
Other industrial n.e.c.	12.7	17.5	11.9	28.0	20.9	—	—	7.8
<i>Total industrial</i>	7.3	5.9	4.1	5.4	4.5	1.6	0.3	3.2
Other non-residential								
Educational	1.4	4.1	2.9	4.7	1.7	0.7	2.0	1.5
Religious	13.1	20.5	15.6	—	11.4	—	—	8.5
Aged care facilities	1.1	4.2	3.1	0.6	0.9	1.9	—	1.3
Health	2.9	7.4	8.5	1.7	2.5	4.7	—	3.3
Entertainment and recreation	5.0	14.6	4.4	—	3.9	16.2	0.8	5.3
Accommodation	2.0	2.5	1.1	7.9	7.7	5.0	—	1.2
Other non-residential n.e.c.	13.1	8.9	7.9	0.9	14.0	9.5	—	5.4
<i>Total other non-residential</i>	1.8	3.4	1.7	1.7	1.6	1.7	1.3	1.2
Total non-residential	1.6	1.8	1.5	1.6	1.7	1.4	0.8	0.8

— nil or rounded to zero (including null cells)

EXPLANATORY NOTES

INTRODUCTION

- 1** This publication contains detailed estimates from the quarterly Building Activity Survey. Each issue includes revisions to the previous quarter. Therefore data for the latest quarter should be considered to be preliminary only.
- 2** The statistics were compiled on the basis of returns collected from builders and other individuals and organisations engaged in building activity. From the March quarter 2002, the quarterly survey consists of:
 - a sample survey of private sector jobs involving residential building jobs valued at \$10,000 or more and non-residential building jobs valued at \$50,000 or more
 - a complete enumeration of all such public sector building jobs.
- 3** From the September quarter 1990, only non-residential building jobs (both new and alterations and additions) with an approval value of \$50,000 (previously \$30,000) or more are included in the survey.
- 4** The use of sample survey techniques in the Building Activity Survey means that reliable estimates of private sector building activity are generally available only at state, territory and Australia levels. Although subject to higher relative standard errors (refer to paragraphs 25–28), a range of sub-state estimates of building activity may be available. Reliable small area data are available for the Northern Territory, which has been completely enumerated since the June quarter 1991. For further information on the availability of Building Activity estimates, contact the ABS in Adelaide on 08 8237 7316. Detailed data on Building Approvals, based on information reported by local government and other reporting authorities, are available for regions below state and territory level from the Building Approval series compiled by the ABS.

SCOPE AND COVERAGE

- 5** The statistics relate to *building* activity which includes construction of new buildings and alterations and additions to existing buildings. Construction activity not defined as building (e.g. construction of roads, bridges, railways, earthworks, etc.) is compiled from the ABS Engineering Construction Survey (ECS). Results from the Building Activity Survey, together with estimates from the ECS, provide a complete quarterly picture of building and construction.
- 6** Building jobs included in each quarter in the Building Activity Survey comprise those jobs selected in previous quarters which have not been completed (or commenced) by the end of the previous quarter and those jobs newly selected in the current quarter. The population list from which jobs are selected for inclusion comprises all approved building jobs which were notified to the ABS (refer paragraph 2) up to but not including the last month of the reference quarter (i.e. up to the end of August in respect of the September quarter survey). This introduces a lag to the statistics in respect of those jobs notified *and* commenced in the last month of the reference quarter (i.e. for the month of September in respect of the September quarter survey). For example, jobs which were notified as approved in the month of June and which actually commenced in that month are shown as commencements in the September quarter. Similarly, building jobs which were notified in the month of September and which actually commenced in that month are shown as commencements in the December quarter.
- 7** From the September quarter 2002, building activity in the External Territories of Australia is included in these statistics. Jervis Bay is included in New South Wales, while Christmas Island and Cocos–Keeling Islands are included in Western Australia.

TREATMENT OF GST

- 8** Statistics on value of building work (current prices) show residential building on a GST inclusive basis and non-residential building on a GST exclusive basis. This approach is consistent with that adopted in the Australian National Accounts which is based on the conceptual framework described in the 1993 edition of the international statistical standard System of National Accounts (SNA93).

EXPLANATORY NOTES *continued*

TREATMENT OF GST *continued*

9 SNA93 requires value added taxes (VAT), such as the GST, to be recorded on a net basis where:

- (a) both outputs of goods and services and imports are valued excluding invoiced VAT
- (b) purchases of goods and services are recorded including non-deductible VAT.

10 Under the net system, VAT is recorded as being payable by purchasers, not sellers, and then only by those purchasers who are not able to deduct it. Almost all VAT is therefore recorded in the SNA93 as being paid on final uses—mainly on household consumption. Small amounts of VAT, may however, be paid by businesses in respect of certain kinds of purchases on which VAT may not be deductible.

11 Within building activity statistics, purchasers of residential structures are unable to deduct GST from the purchase price. For non-residential structures, the reverse is true. While the ABS collects all building activity data on a GST inclusive basis, it publishes value data inclusive of GST in respect of residential construction and exclusive of GST in respect of non-residential construction.

12 It is appropriate to add the residential and non-residential components to derive total building activity. Valuation of the components of the total is consistent, since, for both components, the value data is recorded inclusive of non-deductible GST paid by the purchaser. As such, total building activity includes the non-deductible GST payable on residential building.

DEFINITIONS

13 A *building* is defined as a rigid, fixed and permanent structure which has a roof. Its intended purpose is primarily to house people, plant, machinery, vehicles, goods or livestock. An integral feature of a building's design, to satisfy its intended use, is the provision for regular access by persons.

14 A *dwelling unit* is defined as a self-contained suite of rooms, including cooking and bathing facilities and intended for long-term residential use. Units (whether self-contained or not) within buildings offering institutional care, such as hospitals, or temporary accommodation such as motels, hostels and holiday apartments, are not defined as dwelling units. The value of units of this type is included in the appropriate category of non-residential building.

15 A *residential building* is defined as a building predominantly consisting of one or more dwelling units. Residential buildings can be either *houses* or *other residential buildings*:

- A *house* is defined as a detached building predominantly used for long-term residential purposes and consisting of only one dwelling unit. Thus, detached 'granny flats' and detached dwelling units (such as caretakers' residences) associated with non-residential buildings are defined as houses for the purpose of these statistics.
- An *other residential building* is defined as a building which is predominantly used for long-term residential purposes and which contains (or has attached to it) more than one dwelling unit (e.g. includes townhouses, duplexes, apartment buildings, etc.).

16 The number of dwelling units created as part of alterations and additions to, or conversions of, existing residential or non-residential buildings and as part of the construction of non-residential building is shown separately (see tables 21 and 23) under the heading of 'Conversions, etc.', and is included in the total number of dwelling units shown in these tables.

17 In addition, the seasonally adjusted and trend estimates and percentage changes for the total number of dwelling units commenced and completed, shown in tables 18–20 and 22, include these conversions, etc.

EXPLANATORY NOTES *continued*

DEFINITIONS *continued*

18 *Commenced.* A building is defined as commenced when the first physical building activity has been performed on site in the form of materials fixed in place and/or labour expended (this includes site preparation but excludes delivery of building materials, the drawing of plans and specifications and the construction of non-building infrastructures, such as roads).

19 *Under construction.* A building is regarded as being under construction at the end of a period if it has been commenced but has not been completed, and work on it has not been abandoned.

20 *Completed.* A building is defined as completed when building activity has progressed to the stage where the building can fulfil its intended function. In practice, the ABS regards buildings as completed when notified as such by respondents to the survey.

VALUATION OF BUILDING JOBS

21 The value series in this publication are derived from estimates reported on survey returns as follows:

- *Value of building commenced or under construction* represents the anticipated completion value based, where practicable, on estimated market or contract price of building jobs excluding the value of land and landscaping. Site preparation costs are included. Where jobs proceed over several quarters the anticipated completion value reported on the return for the first (commencement) quarter may be amended on returns for subsequent (under construction) quarters as the job nears completion.
- *Value of building completed* represents the actual completion value based, where practicable, on the market or contract price of jobs including site preparation costs but excluding the value of land and landscaping.
- *Value of building work done during the period* represents the estimated value of building work actually carried out during the quarter on jobs which have commenced.
- *Value of building work yet to be done* represents the difference between the anticipated completion value and the estimated value of work done on jobs up to the end of the period.

BUILDING CLASSIFICATION

22 *Ownership.* The ownership of a building is classified as either public sector or private sector, according to the sector of the intended owner of the completed building as evident at the time of approval. Residential buildings being constructed by private sector builders under government housing authority schemes whereby the authority has contracted, or intends to contract, to purchase the buildings on or before completion, are classified as public sector.

23 *Functional classification of buildings.* A building is classified according to its intended major function. Hence a building which is ancillary to other buildings, or forms a part of a group of related buildings, is classified to the function of the building and not to the function of the group as a whole. An example of this can be seen in the treatment of building work approved for a factory complex. In this case, a detached administration building would be classified to Offices, a detached cafeteria building to Retail/wholesale trade, while factory buildings would be classified to Factories. An exception to this rule is the treatment of group accommodation buildings where, for example, a student accommodation building on a university campus would be classified to Educational.

24 Examples of the types of individual building jobs included under each main functional heading are shown in the following lists:

- *Houses.* Includes 'cottages', 'bungalows', detached caretakers'/managers' cottages, rectories.
- *Other residential buildings.* Includes blocks of flats, home units, attached townhouses, villa units, terrace houses, semi-detached houses, maisonettes.

EXPLANATORY NOTES *continued*

BUILDING CLASSIFICATION

continued

- *Accommodation*. Buildings primarily providing short-term or temporary accommodation, and includes the following categories:
 - Self contained, short term apartments (e.g. serviced apartments)
 - Hotels (predominantly accommodation), motels, boarding houses, cabins
 - Other short term accommodation n.e.c. (e.g. migrant hostels, youth hostels, lodges)
- *Aged care facilities*. Building used in the provision or support of aged care facilities, excluding dwellings (e.g. retirement villages). Includes aged care facilities with and without medical care.
- *Agriculture/aquaculture*. Buildings housing, or associated with, agriculture and aquaculture activities, including bulk storage of produce (e.g. shearing shed, grain silo, shearers' quarters).
- *Commercial*. Buildings primarily occupied with or engaged in commercial trade or work intended for commercial trade, including buildings used primarily in wholesale and retail trades, office and transport activities.
- *Educational*. Buildings used in the provision or support of educational services, including group accommodation buildings (e.g. classrooms, school canteens, dormitories).
- *Entertainment and recreation*. Buildings used in the provision of entertainment and recreational facilities or services (e.g. libraries, museums, casinos, sporting facilities).
- *Factories*. Buildings housing, or associated with, production and assembly processes of intermediate and final goods.
- *Health*. Buildings used in the provision of non-aged care medical services (e.g. nurses quarters, laboratories, clinics).
- *Industrial*. Buildings used for warehousing and the production and assembly activities of industrial establishments, including factories and plants.
- *Offices*. Buildings primarily used in the provision of professional services or public administration (e.g. offices, insurance or finance buildings).
- *Religious*. Buildings used for or associated with worship, or in support of programs sponsored by religious bodies (e.g. church, temple, church hall, dormitories).
- *Retail/wholesale trade*. Buildings primarily used in the sale of goods to intermediate and end users.
- *Transport*. Buildings primarily used in the provision of transport services, and includes the following categories:
 - Passenger transport buildings (e.g. passenger terminals)
 - Non-passenger transport buildings (e.g. freight terminals)
 - Commercial carparks (excluded are those built as part of, and intended to service, other distinct building developments)
 - Other transport buildings n.e.c.
- *Warehouses*. Buildings primarily used for storage of goods, excluding produce storage.

RELIABILITY OF THE ESTIMATES

25 Since the figures for private sector building activity (including alterations and additions) are derived from information obtained from a sample of approved building jobs, they are subject to sampling error; that is, they may differ from the figures that would have been obtained if information for all approved jobs for the relevant period had been included in the survey. One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of approved jobs was included. There are about two chances in three that a sample estimate will differ by less than one SE from the figure that would have been obtained if all approved jobs had been included, and about nineteen chances in twenty that the difference will be less than two SEs. Another

EXPLANATORY NOTES *continued*

RELIABILITY OF THE ESTIMATES *continued*

measure of sampling variability is the relative standard error (RSE), which is obtained by expressing the SE as a percentage of the estimate to which it refers. The RSEs of estimates provide an indication of the percentage errors likely to have occurred due to sampling, and are shown in tables 36 and 37.

26 An example of the use of RSEs is as follows. Assume that the estimate of the number of new private sector houses commenced during the latest quarter is 30,000 (for actual estimate see table 18) and that the associated RSE is 1.5% (for actual percentage see table 36). There would then be about two chances in three that the number which would have been obtained if information had been collected about all approved private sector house jobs would have been within the range 29,550 to 30,450 (1.5% of 30,000 is 450) and about nineteen chances in twenty that the number would have been within the range 29,100 to 30,900.

27 Estimates that have an estimated relative standard error between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '*' indicating that the estimate should be used with caution as it is subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '**' indicating that the sampling variability causes the estimates to be considered too unreliable for general use.

28 The imprecision due to sampling variability, which is measured by the RSE, should not be confused with inaccuracies that may occur because of inadequacies in the source of building approval information, imperfections in reporting by respondents, and errors made in the coding and processing of data. Inaccuracies of this kind are referred to as non-sampling error, and may occur in any enumeration whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by the careful design of questionnaires, efforts to obtain responses for all selected jobs, and efficient operating procedures.

SEASONAL ADJUSTMENT

29 Seasonally adjusted building statistics are shown in tables 1–10, 13–20 and 22. In the seasonally adjusted series, account has been taken of normal seasonal factors, 'trading day' effects arising from the varying numbers of working days in a quarter and the effect of movement in the date of Easter which may, in successive years, affect figures for different quarters.

30 Since seasonally adjusted statistics reflect both irregular and trend movements, an upward or downward movement in a seasonally adjusted series does not necessarily indicate a change of trend. Particular care should therefore be taken in interpreting individual quarter-to-quarter movements. Some of the component series shown have been seasonally adjusted independently. As a consequence, while the unadjusted components in the original series shown add to the totals, the adjusted components may not add to the adjusted totals. (For example, the sum of the adjusted state series - for both work done and number of dwelling unit commencements - may not add to the adjusted Australian total). Therefore, figures should not be derived using the adjusted totals.

31 From the June quarter 2003, the seasonally adjusted estimates are produced by the concurrent seasonal adjustment method which takes account of the latest available original estimates. The concurrent seasonal adjustment methodology replaces the forward factor methodology previously used, when seasonal factors were only revised following an annual re-analysis. The concurrent method improves the estimation of seasonal factors and, therefore, the seasonally adjusted and trend estimates for the current and previous quarters. As a result of this improvement, revisions to the seasonally adjusted and trend estimates will be observed for recent periods. In most

EXPLANATORY NOTES *continued*

SEASONAL ADJUSTMENT

continued

instances, the only noticeable revisions will be to the previous quarter and the same quarter of a year earlier.

32 A more detailed review of concurrent seasonal factors will be conducted annually, generally prior to the release of data for the December quarter.

TREND ESTIMATES

33 Seasonally adjusted series can be smoothed to reduce the impact of the irregular component in the adjusted series. This smoothed seasonally adjusted series is called a trend estimate.

34 The trend estimates are derived by applying a 7-term Henderson moving average to the seasonally adjusted series. The 7-term Henderson average (like all Henderson averages) is symmetric but, as the end of a time series is approached, asymmetric forms of the average are applied. Unlike weights of the standard 7-term Henderson moving average, the weights employed here have been tailored to suit the particular characteristics of individual series.

35 While the smoothing technique described in paragraphs 33 and 34 enables trend estimates to be produced for recent quarters, it does result in revisions to the estimates for the most recent three quarters as additional observations become available. There may also be revisions because of changes in the original data. For further information, see *Information Paper: A Guide to Interpreting Time Series—Monitoring Trends: an Overview* (cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on Canberra 02 6252 6540 or email <timeseries@abs.gov.au>.

CHAIN VOLUME MEASURES

36 Chain volume estimates of the value of commencements and work done are presented in original, seasonally adjusted and trend terms for Australia and for each state and territory.

37 While current price estimates of the value of commencements and work done reflect both price and volume changes, chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and therefore only reflect volume changes. The direct impact of the GST is a price change, and hence is removed from chain volume estimates. The deflators used to revalue the current price estimates in this publication are derived from the same price data underlying the deflators compiled for the dwellings and new other building components of the national accounts aggregate 'Gross fixed capital formation'.

38 The chain volume measures of commencements and work done appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year (currently 2001–02). The reference year is updated annually in the June quarter publication. Each year's data in the value of commencements and work done series are based on the prices of the previous year, except for the quarters of the latest incomplete year which are based upon the current reference year (i.e. 2001–02). Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the ABS *Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts* (cat. no. 5248.0).

39 The factors used to seasonally adjust the chain volume series are identical to those used to adjust the corresponding current price series.

ACKNOWLEDGMENT

40 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

EXPLANATORY NOTES *continued*

RELATED PRODUCTS

41 Users may also wish to refer to the following publications which are available from ABS Bookshops:

Dwelling Unit Commencements, Australia, Preliminary, cat. no. 8750.0, quarterly

Construction Work Done, Australia, Preliminary, cat. no. 8755.0, quarterly

Building Approvals, Australia, cat. no. 8731.0, monthly

Engineering Construction Activity, Australia, cat. no. 8762.0, quarterly

House Price Indexes: Eight Capital Cities, cat. no. 6416.0, quarterly

Housing Finance for Owner Occupation, Australia, cat. no. 5609.0, monthly

Producer Price Indexes, Australia, cat. no. 6427.0, quarterly

Private Sector Construction Industry, Australia, 1996–97, cat. no. 8772.0.

42 Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from any ABS office or the ABS web site <<http://www.abs.gov.au>>. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

ABS DATA AVAILABLE ON REQUEST

43 As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to the National Information and Referral Service on 1300 135 070.

APPENDIX LIST OF ELECTRONIC TABLES

ELECTRONIC TABLES

The following tables are available electronically via the ABS web site <www.abs.gov.au> and AusStats.

CHAIN VOLUME MEASURES

1a	Value of building work done, Australia, chain volume measures
1b	Value of building work done, states and territories, chain volume measures
2	Value of building work done, Australia, chain volume measures, change from previous period
3a	Value of residential building work done, Australia, chain volume measures
3b	Value of residential building work done, states and territories, chain volume measures
4	Value of residential building work done, Australia, chain volume measures, change from previous period
5a	Value of building work commenced, Australia, chain volume measures
5b	Value of building work commenced, states and territories, chain volume measures
6	Value of building work commenced, Australia, chain volume measures, change from previous period
7a	Value of residential building work commenced, Australia, chain volume measures
7b	Value of residential building work commenced, states and territories, chain volume measures
8	Value of residential building work commenced, Australia, chain volume measures, change from previous
9	Value of total building work done, states and territories, chain volume measures
10	Value of total building work done, states and territories, chain volume measures, change from previous period
11	Value of total building work done, states and territories, chain volume measures, original
12	Value of total building work commenced, states and territories, chain volume measures, original

CURRENT PRICES

13a	Value of building work done, Australia
13b	Value of building work done, New South Wales
13c	Value of building work done, Victoria
13d	Value of building work done, Queensland
13e	Value of building work done, South Australia
13f	Value of building work done, Western Australia
13g	Value of building work done, Tasmania
13h	Value of building work done, Northern Territory
13i	Value of building work done, Australian Capital Territory
14a	Value of residential building work done, Australia
14b	Value of residential building work done, New South Wales
14c	Value of residential building work done, Victoria
14d	Value of residential building work done, Queensland
14e	Value of residential building work done, South Australia
14f	Value of residential building work done, Western Australia
14g	Value of residential building work done, Tasmania
14h	Value of residential building work done, Northern Territory
14i	Value of residential building work done, Australian Capital Territory
15	Value of building work commenced, Australia
16	Value of residential building work commenced, Australia
17	Value of total building work done, states and territories

APPENDIX LIST OF ELECTRONIC TABLES *continued*

NUMBER OF DWELLING UNITS

18a	Number of dwelling unit commencements, Australia
18b	Number of dwelling unit commencements, by sector, states and territories
18c	Number of dwelling unit commencements, Australia, change from previous period
19	Number of dwelling unit commencements, states and territories
20	Number of dwelling unit commencements, states and territories, change from previous period
21a	Number of dwelling unit commencements, total sectors, states and territories, original
21b	Number of dwelling unit commencements, private sector, states and territories, original
21c	Number of dwelling unit commencements, public sector, states and territories, original
22a	Number of dwelling unit completions, Australia
22b	Number of dwelling unit completions, states and territories
22c	Number of dwelling unit completions, Australia, change from previous period
23a	Number of dwelling unit completions, total sectors, states and territories, original
23b	Number of dwelling unit completions, private sector, states and territories, original
23c	Number of dwelling unit completions, public sector, states and territories, original

VALUE BY STATE AND TERRITORY

24a	Value of building work, total sectors, Australia, original
24b	Value of building work, private sector, Australia, original
24c	Value of building work, public sector, Australia, original
25a	Value of building work, total sectors, New South Wales, original
25b	Value of building work, private sector, New South Wales, original
25c	Value of building work, public sector, New South Wales, original
26a	Value of building work, total sectors, Victoria, original
26b	Value of building work, private sector, Victoria, original
26c	Value of building work, public sector, Victoria, original
27a	Value of building work, total sectors, Queensland, original
27b	Value of building work, private sector, Queensland, original
27c	Value of building work, public sector, Queensland, original
28a	Value of building work, total sectors, South Australia, original
28b	Value of building work, private sector, South Australia, original
28c	Value of building work, public sector, South Australia, original
29a	Value of building work, total sectors, Western Australia, original
29b	Value of building work, private sector, Western Australia, original
29c	Value of building work, public sector, Western Australia, original
30a	Value of building work, total sectors, Tasmania, original
30b	Value of building work, private sector, Tasmania, original
30c	Value of building work, public sector, Tasmania, original
31a	Value of building work, total sectors, Northern Territory, original
31b	Value of building work, private sector, Northern Territory, original
31c	Value of building work, public sector, Northern Territory, original
32a	Value of building work, total sectors, Australian Capital Territory, original
32b	Value of building work, private sector, Australian Capital Territory, original
32c	Value of building work, public sector, Australian Capital Territory, original
33a	Value of building work under construction, by sector, states and territories, original
33b	Value of building work yet to be done, by sector, states and territories, original

APPENDIX LIST OF ELECTRONIC TABLES *continued*

NON-RESIDENTIAL BUILDING

34a	Value of non-residential building work done, by sector, Australia, original
34b	Value of non-residential building work done, by sector, New South Wales, original
34c	Value of non-residential building work done, by sector, Victoria, original
34d	Value of non-residential building work done, by sector, Queensland, original
34e	Value of non-residential building work done, by sector, South Australia, original
34f	Value of non-residential building work done, by sector, Western Australia, original
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34i	Value of non-residential building work done, by sector, Australian Capital Territory, original
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DATA CUBE

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